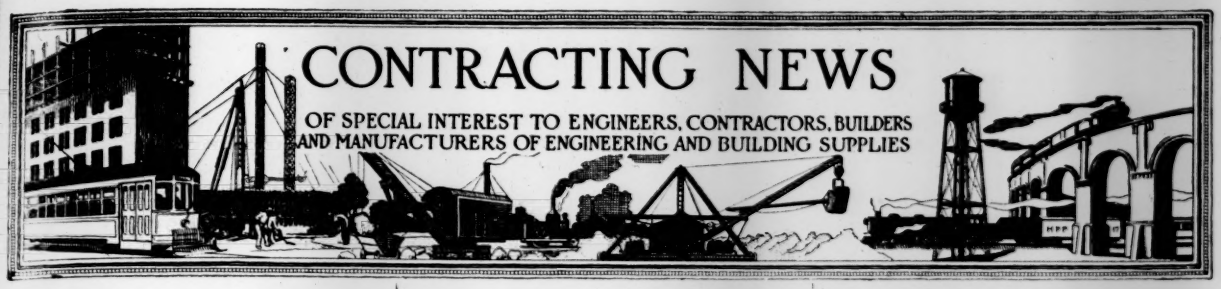
CONTRACTING NEWS
OF SPECIAL INTEREST TO ENGINEERS, CONTRACTORS, BUILDERS
AND MANUFACTURERS OF ENGINEERING AND BUILDING SUPPLIES

Proposals

For Proposals Advertised See Pages 79 to 85 Inclusive

WATER-WORKS

Bids Close		See Eng. News-Record
Sept. 24.	Akron, O. Adv. Sept. 13.	Sept. 13
Sept. 25.	Jersey City, N. J.	Sept. 13
Sept. 26.	North McGregor, Ia. Adv. Sept. 13 and 20.	Sept. 13
Sept. 26.	North Tonawanda, N. Y. Adv. Sept. 13 and 20.	Sept. 13
Sept. 25.	Bayonne, N. J.	Sept. 13
Oct. 1.	St. Paul, Minn.	Sept. 20
Oct. 2.	Johnstown, N. Y. Adv. Sept. 13 and 20.	Sept. 13
Oct. 2.	Lewisburg, O. Adv. Sept. 20.	Sept. 20
Oct. 2.	Toronto, Ont.	Sept. 13
Oct. 10.	Polk, Pa.	Sept. 20

SEWERS

Sept. 22.	Stamford, Conn. Adv. Sept. 13.	Sept. 13
Sept. 24.	Bridgeport, Conn. Adv. Sept. 13 and 20.	Sept. 13
Sept. 24.	Rocky River, O.	Sept. 13
Sept. 24.	Summit, Ill.	Sept. 20
Sept. 24.	Appleton, Wis.	Sept. 20
Sept. 25.	St. Joseph, Mich.	Sept. 20
Sept. 27.	Cleveland, O.	Sept. 20
Sept. 27.	Newark, N. J.	Sept. 20
Sept. 28.	Cedar Rapids, Ia.	Sept. 13
Sept. 25.	Columbia, S. C.	Sept. 13
Sept. 29.	Hagerstown, Md. Adv. Sept. 13.	Sept. 13
Oct. 8.	Stratford, Conn. Adv. Sept. 20.	Sept. 20

BRIDGES

Sept. 24.	Los Angeles, Cal.	Sept. 13
Sept. 24.	Greenfield, Ind.	Sept. 20
Sept. 25.	Preston, Minn.	Sept. 20
Sept. 25.	Enid, Okla.	Sept. 20
Sept. 27.	Jersey City, N. J.	Sept. 13
Sept. 27.	Mankato, Minn.	Sept. 20
Sept. 28.	Akron, O. Adv. Sept. 13.	Sept. 13
Oct. 1.	Indiana	Sept. 20
Oct. 1.	Elkins, W. Va.	Sept. 20
Oct. 2.	Reading, Pa. Adv. Sept. 20.	6Sept. 20
Oct. 2.	West Palm Beach, Fla.	Sept. 20
Oct. 2.	Woodbine, Ga.	Sept. 20
Oct. 2.	Olympia, Wash.	Sept. 20
Oct. 2.	Albany, N. Y. Adv. Sept. 6 and 13.	Sept. 6
Oct. 2.	Columbus, O. Adv. Sept. 13.	Sept. 13
Oct. 4.	Texarkana, Ark. Adv. Sept. 13.	Sept. 13
Oct. 5.	Corydon, Ind.	Sept. 20
Oct. 9.	Walker, Minn.	Sept. 20
Oct. 20.	Pennsylvania	Sept. 20

STREETS AND ROADS

Sept. 22.	Cameron, La.	Aug. 30
Sept. 22.	Racine, Wis.	Sept. 13
Sept. 24.	Eutaw, Ala.	Sept. 6
Sept. 24.	Livingston, Ala.	Sept. 6
Sept. 24.	Newburgh, N. Y. Adv. Sept. 13 and 20.	Sept. 13
Sept. 24.	Cincinnati, O.	Sept. 20
Sept. 24.	St. Paul, Minn.	Sept. 20
Sept. 24.	Wentworth, N. C.	Sept. 20
Sept. 25.	Indiana	Sept. 13
Sept. 25.	New Orleans, La.	Sept. 13
Sept. 25.	New Jersey	Sept. 13
Sept. 25.	Linden, N. J.	Sept. 20
Sept. 25.	The Dallas, Ore.	Sept. 20
Sept. 25.	Charleston, S. C. Adv. Sept. 20.	Sept. 20
Sept. 26.	Cleveland, O.	Sept. 20
Sept. 26.	Michigan	Sept. 20
Sept. 26.	Hamilton Square, N. J.	Sept. 20
Sept. 27.	Salt Lake City, Utah	Sept. 13
Sept. 27.	Weehawken, N. J.	Sept. 20
Sept. 27.	Newark, N. J.	Sept. 20
Sept. 27.	Steubenville, O.	Sept. 20
Sept. 28.	Brooklyn, N. Y.	Sept. 20
Sept. 28.	Bryan, O.	Sept. 20
Sept. 28.	Indiana	Sept. 20
Sept. 29.	Russellville, Ala.	Sept. 20
Sept. 30.	Indianapolis, Ind.	Sept. 6
Oct. 1.	Lincoln, Neb.	Sept. 6
Oct. 1.	Miami, Fla.	Sept. 20
Oct. 1.	Indiana	Sept. 20
Oct. 1.	Oroville, Cal.	Sept. 20
Oct. 2.	Indiana	Sept. 20
Oct. 2.	Maryland Adv. Sept. 20.	Sept. 20
Oct. 3.	Indiana	Sept. 20
Oct. 4.	Carrollton, Ala.	Sept. 20
Oct. 5.	Indiana	Sept. 20
Oct. 6.	Bowling Green, O.	Sept. 13
Oct. 8.	California	Sept. 20
Oct. 9.	Pennsylvania Adv. Sept. 20.	Sept. 20
Oct. 11.	Newton, N. J. Adv. Sept. 20.	Sept. 20
Oct. 11.	Oneonta, Ala.	Sept. 13
Oct. 13.	Wedowee, Ala.	Sept. 20
Oct. 15.	Newark, N. J.	Sept. 13
Oct. 16.	Cape May, N. J.	Sept. 6
Oct. 16.	Pennsylvania	Sept. 20

EXCAVATION AND DREDGING

Sept. 24.	Barstow, Tex.	Sept. 13
Sept. 24.	Lewiston, Ill.	Sept. 13
Sept. 25.	Fairmont, Minn.	Sept. 20
Sept. 25.	Storm Lake, Ia.	Sept. 20
Sept. 27.	Slayton, Minn.	Sept. 20
Sept. 28.	Slayton, Minn.	Sept. 20
Sept. 28.	Muncie, Ind.	Sept. 20
Oct. 1.	Le Sueur, Minn.	Sept. 20
Oct. 2.	Clarksdale, Miss.	Sept. 20
Oct. 2.	St. Cloud, Minn.	Aug. 2
Oct. 2.	Urbana, Ill.	Sept. 6
Oct. 3.	Anoka, Minn.	Sept. 20
Oct. 5.	Savannah, Ga.	Sept. 20
Oct. 9.	Albany, N. Y. Adv. Sept. 13 and 20.	Sept. 13
Oct. 10.	Lafayette, Ind.	Sept. 20
Oct. 15.	Willmar, Minn.	Sept. 13

BUILDINGS

Sept. 28.	Theills, N. Y. Adv. Sept. 13 and 20.	Sept. 13
Sept. 30.	Eden, S. D.	Sept. 20
Oct. 1.	San Francisco, Cal.	Sept. 20
Oct. 2.	Castleton, N. Y.	Sept. 20
Oct. 3.	Cresco, Ia.	Sept. 13
Oct. 5.	Thiells, N. Y. Adv. Sept. 13 and 20.	Sept. 13
Dec. 1.	Norfolk, Va.	Sept. 13

FEDERAL GOVERNMENT WORK

Sept. 17.	Philadelphia, Pa.	Sept. 20
Sept. 24.	Farmington, N. M.	Sept. 6
Sept. 24.	New London, Conn.	Sept. 13
Sept. 24.	Washington, D. C.	Sept. 13
Sept. 24.	New Orleans, La.	Sept. 20
Sept. 25.	Washington, D. C.	Sept. 20
Sept. 25.	Washington, D. C. Adv. Aug. 30.	Aug. 30
Sept. 26.	Memphis, Tenn. Adv. Sept. 6 to 20.	Sept. 6
Sept. 28.	Key West, Fla.	Sept. 13
Sept. 28.	Washington, D. C.	Sept. 13
Sept. 28.	Boston, Mass. Adv. Sept. 13 and 20.	Sept. 13
Sept. 29.	Memphis, Tenn. Adv. Sept. 20.	Sept. 20
Oct. 1.	Twin Falls, Idaho	Aug. 30
Oct. 1.	Louisville, Ky. Adv. Sept. 13 and 20.	Sept. 13
Oct. 1.	Cleveland, Ohio	Sept. 6
Oct. 1.	Kuahua, H. T.	Sept. 20
Oct. 1.	Philadelphia, Pa.	Sept. 20
Oct. 1.	Washington, D. C.	Sept. 20
Oct. 2.	San Francisco, Cal.	Sept. 6
Oct. 2.	Wheeling, W. Va. Adv. Sept. 13 and 20.	Sept. 13
Oct. 2.	Galveston, Tex.	Sept. 20
Oct. 2.	San Francisco, Cal. Adv. Sept. 20.	Sept. 20
Oct. 4.	Boston, Mass. Adv. Sept. 13 and 20.	Sept. 13
Oct. 4.	St. Peter, Minn.	Sept. 6
Oct. 6.	Newport, R. I. Adv. Sept. 13 and 20.	Sept. 13
Oct. 12.	Bad Axe, Mich.	Sept. 13
Oct. 15.	Denver, Colo. Adv. Sept. 13.	Sept. 13
Oct. 15.	Waynesboro, Va.	Sept. 13
Oct. 15.	El Paso, Tex. Adv. Sept. 20.	Sept. 20
Oct. 23.	Andalusia, Ala.	Sept. 20
Oct. 24.	Bakersfield, Cal. Adv. Sept. 20.	Sept. 20
Oct. 26.	Mt. Carmel, Ill.	Sept. 20
Oct. 28.	Waterloo, N. Y.	Sept. 20
Oct. 30.	Key West, Fla. Adv. Sept. 6 and 13.	Sept. 6

MISCELLANEOUS

Sept. 25.	Harbor Improvements — Mobile, Ala.	Sept. 6
Sept. 26.	Station Finish —Brooklyn, N. Y.	Sept. 20
Sept. 28.	Incinerating Plant or Crematory—Trenton, N. J.	Sept. 13
Sept. 28.	Pier—Philadelphia, Pa. Adv. Sept. 13 and 20.	Sept. 13
Oct. 1.	Station Finish Brooklyn, N. Y.	Sept. 20
Oct. 2.	Garbage Incinerator Sharon, Pa.	Sept. 20
Oct. 8.	Elevated Railway—Brooklyn, N. Y.	Sept. 20
Oct. 17.	Pier—Manhattan Beach, Cal.	Sept. 20
Nov. 15.	Flood Control—Dayton, O. Adv. Sept. 13 and 20.	Sept. 13

Where name of official is not given, inquiries should be addressed to City Clerk, County Clerk or corresponding official.

WATER-WORKS

Proposed Work

N. Y., New York—Bd. Water Supply received low bid Shadaken Tunnel, as part of Schoharie watershed development for New York City water supply, from Degnon Contg. Co., 68 Hunterspoint Ave., Long Island City, $12,138,000; Booth & Flinn, Ltd., 17 Battery Pl., $12,374,000; P. J. McGovern & Co., 50 East 42nd St., $14,500,000. Noted July 12.

Ga., Savannah—City election Oct. 9 to vote on $500,000 bond issue to rehabilitate water-works. J. Figg, supt. Noted June 14.

O., Cleveland—(Official)—Council passed ordinance to issue $250,000 bonds to improve and enlarge water system. C. F. Schulz, supt.

O., Hamilton—City will sell $10,000 bonds Sept. 26 for improving water system. E. E. Erb, aud. Noted Aug. 30.

Kan., Ashland—City to issue $16,500 bonds for water-works improvements. A. W. Hawes, supt.

Kan., Towanda—City voted $25,000 bonds to improve water-works system. A. E. Dudney, clk. Noted Aug. 2.

Water-Works (Continued)

Mont., Geraldine—City election Oct. 12 to vote on $31,500 bond issue to build water-works system.

Mo., Galena—City election Oct. 2 to vote on $100,000 bond issue to build water-works system.

Tex., Abilene—City lets contract in January for 5,000,000-gal. storage reservoir earth dams and 12 mi. 24-in. concrete pipe and 8 mi. c.-i. pipe. About $500,000. W. A. Riney, city engr.

Colo., Greeley—(Official)—City will improve water system by day labor. Work involves cement dam about 150 ft. long, extension of intake line and replacing 4 mi. wood-stave pipe with Matheson joint national coating pipe. Bonds for $150,000 sold for work. M. Seaman, supt. Noted Sept. 6.

Utah, Brigham—City election soon to vote on $60,000 bond issue to improve water-works system. F. Y. Jensen, supt.

Wash., Seattle—City had plans prepared for water mains in East Marginal Way, $80,000; portion Alki Ave., $72,518; trunk sewer for same district, $55,152. A. H. Dimock, city engr.

Ont., Burlington—Council passed bylaw to issue $17,339 bonds for water-works. P. Pawson, secy.

Ont., York Twp.—Council had plans prepared 6-in. water main on Glenholme Ave., cost $9599, also 12-in. c.-i. main on St. Johns Rd. from Runnymede to Langmuir, $18,081.

Alta., Lethbridge—Councils of Lethbridge and Hardieville plan to extend water system from one town to other. About $15,000.

BIDS DESIRED

Pa., Polk—(Official)—Until Oct. 10, by Bd. Trustees of State Institution for Feebleminded of Western Pennsylvania, rapid sand filter plant and motor-driven centrifugal pumps in connection with water supply; advertised in this issue.

O., Lewisburg—(Official)—Until Oct. 2, by G. Wilson, supt., extending water-works system; advertised in this issue. Noted July 26.

Minn., St. Paul—(Official)—Until Oct. 1, by Bd. Control, Room 15, Court House, for 50,000- or 75,000-gal. steel tank on 75- or 100-ft. steel tower, rein.-con. or brick stack, and garage additions to power house. J. F. Druar, 314 Commercial Bldg., cons. engr. Noted Sept. 13.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Pa., Mountsville**—City let contract water-works system to P. Sheirick, Mountsville. Noted June 21.

Md., Cumberland—Evitts Creek Water Co., Cumberland, received low bid addition to filtration plant from Pitt Constr. Co., Fulton Bldg., Pittsburgh. About $75,000 to $80,000. Noted Aug. 16.

★**Wis., Portage**—City let contract filtration system for water-works to Pittsburgh Filter Mfg. Co., Farmers Bank Bldg., Pittsburgh, $12,000.

★**Mont., Poplar**—City let contract water-works system to C. H. Kelley, Kalispell, $23,375.

★**N. B., Woodstock**—City let contract filtration plant to New York Continental Jewel Filtration Co., 15 Broad St., New York City, $64,948, repairs to pumping station to Fraser & Chalmers, of Canada, Ltd., 285 Plaver Hall Hill, Montreal, $25,000. Noted June 28.

SEWERS

Proposed Work

N. J., Bayonne—City plans sewer in portions West 47th St. W. L. Clarkson, city engr.

Pa., Lebanon—City had plans prepared for sewage-disposal plant. T. R. Crowell, city engr.

S. C., Spartanburg—City sold $40,000 bonds to extend sewerage system. Reid Tiell, city engr. Noted June 28.

Ky., Ashland—City plans to repair and construct sewerage system and disposal plant. F. Goshsling, city engr.

O., Marion—See "Streets and Roads."

O., Shepard—City to issue $220,000 bonds for sewage connections. H. Maetzel, city engr.

Mich., Detroit—City plans to purchase 16 acres on Connors Creek for sewage-treatment plant. About $98,000. C. F. Hubbell, city engr.

Mich., Grand Rapids—(Official)—Bd. Pub. Wks. soon receives new bids for southwest sewerage system. About $160,000. W. S. Moore, city engr. Noted Apr. 19.

Wis., Appleton—City plans to install new sewer in Nawada St. A. C. Remley, city engr.

Neb., Fremont—City plans sewage disposal plant. About $100,000. L. M. Roessler, city engr.

Mo., Kansas City—Bd. Pub. Wks. rejected bids for sewer in Dist. No. 356. About $90,000. Noted Sept. 13.

Okla., Bristow—City voted $12,000 for sewers and water-works extensions. T. B. Gibson, city clk. Noted Aug. 9.

Wash., Seattle—See "Water-Works."

Wash., Seattle—See "Streets and Roads."

Wash., Spokane—Council passed ordinance for 4th Ward trunk sewer in Dist. No. 5. About $10,300. M. Macartney, city engr.

Cal., Long Beach—See "Miscellaneous."

Cal., Los Angeles—City voted $150,000 bonds to build sewerage system to connect with main sewer near Lincoln Park. Communities of El Sereno, Newton Park, Sierra Vista, Sierra and part of Rose Hill will be benefited by same. A. C. Hensen, city engr. Noted Aug. 23.

Ont., Toronto—City plans sewer on Yonge St. About $105,000. R. C. Harris, comr. wks.

BIDS DESIRED

Conn., Bristol—(Official)—Until Sept. 25, by T. B. Steele, city clk., rebuilding sewer beds, etc.; advertised in this issue.

Conn., Stratford—(Official)—Until Oct. 8, by Bd. Sewer Comrs., for 11 mi. of 8- to 30-in. pipe sewers, sewage disposal works, etc.; advertised in this issue.

N. J., Newark—(Official)—Until Sept. 27, by Water Comrs., sewer in Sandford Ave., 500 ft. 30-in. concrete pipe sewer, 240 ft. vitr. salt glazed pipe sewer, 12 catch basins, and 5 manholes. M. R. Sherrerd, city engr. Noted Sept. 13.

O., Cleveland—Until Sept. 27, by City, installing sewers in East 171st and Searsdale Sts. R. Hoffman, city engr.

Mich., St. Joseph—(Official)—Until Sept. 25, by C. J. McMullen, city clk., for sewage-disposal plant. W. J. Cleary, city engr.

Ill., Summit—(Official)—Until Sept. 24, by Bd. Local Improvs. for sewerage system. L. F. Kennedy, clk.

Wis., Appleton—Until Sept. 24, by E. L. Williams, city clk., sewers in portions Mason, Virginia and Brewster Sts. A. C. Remley, city engr.

Minn., St. Paul—(Official)—Until Oct. 1, by H. W. Austin, purch. agent, storm-water sewer on Fairview, Summit, Macalester and Pascal Aves.; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston**—Bd. Pub. Wks. let contract sewers, Rutherford Ave., Charleston St. and alleys to T. J. O'Connell, 10 Radcliffe Rd., Brighton.

★**Conn., Bridgeport**—Paving and Sewer Comn. let contract Northwest Sanitary trunk sewer, Dewey St., to Brennan & Fohey, Portchester, N. Y. Noted Sept. 13.

N. Y., New York—D. Mathewson, boro. pres., received low bids sewer in (a) Boston Rd. between Harper and Boller Aves., (b) between Bollar and Corsa Aves., from Anita Constr. Co., 2975 Marion Ave., (a) $124,842, (b) same amount; O. Daniels Co., Woolworth Bldg., (b) $134,796; Lawrence Contg. Co., 240 Walton Ave., (a) $117,873, (b) $176,873; J. M. Stanton & Co., 762 East 165th St., (a) $98,564.

★**N. Y., Scotia**—City let contract sewage-disposal plant to E. B. Edgar, 737 Brandywine Ave., Schenectady, about $12,000. Noted Aug. 16.

N. J., Highland Park—(New Brunswick P. O.)—City received low bid for 5 mi. sanitary sewers and appurtenances from McGovern & Barnwell, New Brunswick, $51,977.

★**Pa., Phila.**—City let contract, [illegible] to sewage disposal plant to F. W. Mark Contg. Co., 1428 Penn Sq., $90,000.

★**Md., Cumberland**—(Official)—City let contract sanitary sewer on Boulevard and storm sewer in Mary St. to Vang Constr. Co., 3rd Natl. Bank Bldg., $12,[illegible] and $23,919, respectively. Noted Aug. 9.

★**N. C., Durham**—See "Streets and Roads."

★**O., Cleveland Heights**—(Warrensville P. O.)—(Official)—City let contracts installing segment block and vitr. pipe storm sewers as follows: Sect. 1, Gould & Maybach, 823 East 150th St., $16,566; Sect. 2, A. Marro, 2276 East 105th St., $14,003; Sect. 3, Haddad-Mall Co., Schofield Bldg., $64,297; all of Cleveland. Noted July 19.

★**O., Lancaster**—City let contract for sewer, grading, paving, curbing and retaining wall to Wilson & Beckler, Lancaster, $20,338.

★**Ill., Hillsboro**—(Official)—City let contract sewer extensions to Grabbe Graniteid Co., Alton, $14,544. Noted Aug. 16.

★**Ia., Medford**—City let contract for sewers and sewage-disposal plant to P. N. Kruse, Spencer, $39,014.

★**Ia., Seymour**—City let contract 22,000 ft. of 6- to 12-in. sewers to Moore-Seig Constr. Co., 1126½ East 4th St., Waterloo, and Cumstock & Hanson, Cedar Rapids, $13,307 and $8586, respectively; for sewage-disposal plant to Ward & Weighton, 516 Davidson Bldg., Sioux City, $16,800. Noted Aug. 30.

★**Ia. Sheldon**—City let contract 4 filter beds, 50x150-ft., and 1 sludge bed, 30x50-ft.; also repairing dosing chamber, to G. Gardner Sheldon, $11,842.

★**Ia., Sioux City**—City let contract laying storm sewer in 22nd and Jennings St. to W. B. Carter Constr. Co., Sioux City, $15,000.

★**Minn., Long Lake**—City let contract sewage-disposal plant to M. J. O'Neill, 60 East 6th St., St. Paul.

★**Minn., St. Paul**—City let contract Jefferson Cretin sewer to O'Neill & Preston, 60 East 6th St., $49,945. Noted Aug. 16.

★**Tex., Elgin**—City let contract sewer to H. W. Cardwell Contg. Co., Texarkana, Ark., about $12,000.

★**Okla., Oklahoma**—City let contract sewerage and water-works systems to A. F. Binnus, 225½ West Grand Ave., $18,000.

★**Utah, Logan**—City let contract sewer in Sewer Dist. No. 5 to Parrott Bros. Constr. Co., Newhouse Bldg., Salt Lake City, $19,694.

★**Cal., Corcoran**—City let contract installation of sewerage system and paving on Whitley Ave. to Federal Constr. Co., Sharon Bldg., San Francisco, $80,702. Noted July 19.

★**Cal., Livermore**—City let contract sewage-disposal plant at tuberculosis hospital to M. E. Fernandez, Prospect St., Hayward. About $16,324.

BRIDGES

Proposed Work

Pa., Phila.—Pennsylvania R.R. plans to build bascule bridge over Darby Creek and Crum River, rein.-con. bridge over Ridley River. A. C. Shand, Broad St. Sta., Phila., ch. engr.

Miss., Winona—Montgomery Co. supervs. plan to build 30 4 x 4 to 30-ft. rein.-con. bridges. G. E. Hauser, Columbus, engr.

O., Cleveland—See "Industrials Works."

Ind., Anderson—Madison Co. prepared plans 492-ft. bridge with 30-ft. roadway over White River on 9th St. Council appropriated $80,000 for project.

Ind., Ft. Wayne—Allen Co. Comrs. appropriated $100,000 to build State St. bridge, $20,000 for 4th St. bridge and $40,000 for other bridges throughout county.

Ill., Decatur—Macon Co. plans to build bridge. About $50,000.

Minn., Fond du Lac—St. Louis Co. Comrs., Duluth, receiving bids about Nov. 1 building 600-ft. rein.-con. bridge. About $85,000.

Ark., Little Rock—City soon receives bids building Red River Bridge. Bonds for $260,000 to be sold for project. H. Levinson, city engr.

Okla., Purcell—McClain Co., Golsby Twp., voted $13,500 bonds to build bridges.

Bridges (Continued)

Cal., Riverside—City plans to build new rein.-con. bridge over Santa Ana River. About $15,000.

BIDS DESIRED

Pennsylvania—(Official)—Until Oct. 10, by State Highway Comn., Harrisburg, building bridges in various counties as follows: 3 in Clearfield County; 8 Jefferson; 3 Washington; 1 Greene; 2 Fayette; 1 Erie; 1 Crawford; 2 Berks; 3 Lancaster; 2 Sullivan; 1 Montour; 2 Columbia; 2 Northampton; 1 York; 3 Indiana; 3 Susquehanna; 4 Monroe; 1 Wayne; 6- to 36-ft. spans. W. D. Uhler, engr.

Pa., Reading—(Official)—Until Oct. 2, by Berks Co., building 3-span concrete bridge over Saucony Creek, Kutztown Boro., C. J. Rhode, co. controller; advertised in this issue.

W. Va., Elkins—Until Oct. 1, by Randolph Co., Comrs. building rein.-con. bridge over Dry Forks, 60 ft. long with 14-ft. roadway. T. Tritt, clk.

Fla., West Palm Beach—(Official)—Until Oct. 2, by Palm Beach Co. Comrs., building two 60-ft. Scherzer rolling lift steel bridges over F. E. C. Canal, at Delray and Boynton. R. F. Goodman, co. engr.

Indiana—By Co. Comrs. building bridges as follows: Oct. 1; Brazil; building Drake, Francis, Beamer and Cutshall bridges. W. O. Graeser, aud. Oct. 3: Huntington; repairs to South Jefferson St. bridges. O. E. Eviston, aud.

Ind., Corydon—Until Oct. 5, by Harrison Co., building Hottle Ford Bridge. S. C. Mauck, aud.

Ind., Greenfield—(Official)—Until Sept. 24, by Hancock Co., buidling flat-top rein.-con. bridge. C. Boone, co. engr.

Minn., Preston—Until Sept. 25, by J. Dunford, aud., Fillmore Co., building two 40-ft. through girder bridges, one 30-ft. span beam concrete bridge, one 20-ft. girder span, one 6-ft. extension to arch bridge, north of Mabel.

Minn., Walker—Until Oct. 9, by Cass Co., building 120-ft. bridge over Girl River, 18-ft. roadway. A. W. Moulster, Pine River, engr.

Kan., Mankato—Until Sept. 27, by Jewell Co., building 19 bridges. A. Bonecutter, clk.

Okla., Enid—(Official)—Until Sept. 25, by O. W. York, clk. Garfield Co., for 31 bridges, plans include building 20 20- to 60-ft. rein.-con. span bridges, etc. About $60,000. B. F. Lewis, co. engr. Noted Aug. 23.

Okla., Guthrie—Until Sept. 25, by Logan Co., building 19 rein.-con. bridges. About $33,000. A. A. Leer, clk.

Wash., Olympia—Until Oct. 2, by Olympia Co., building rein.-con. bridge over Des Chutes waterway; also paving 10 blocks Harrison St. About $129,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., Scarsdale — (Official) — Bronx Pkway. Comn. received low bids, 2 rein.-con. arch bridges, Contr. No. 24, from R. R. Ames, 5 Adrain St., Rochester, $13,950; N. Fagnani Bros., Inc., Tucahoe, $14,015; Crownbar Constr. Co., Inc., 120 Bway., New York City, $14,602. J. Downer, engr. and secy. Noted Sept. 6.

★**N. J., Newark**—Bd. Freeholders Essex Co. let contract building rein.-con. I-beam bridge over Peckman River, Little Falls Rd., to A. Mathews, 31 Clinton St., $10,449. Noted Aug. 2.

★**O., Columbus**—Franklin Co. Comrs. let contract building bridges over Olentangy River, 3rd and Lane Ave., to Marion Constr. Co., Ruggery Bldg., Marion, and E. Elford, 104 North 3rd St., $156,578 and $153,813, respectively; removing present Lane Ave. bridge and building substructure for new Refugee Park bridge to Capitol Constr. Co., $8390 and $14,898, respectively. Noted Aug. 30.

O., Youngstown — (Official) — Dir. Pub. Ser., received low bids improving east approach to East Federal St. bridge, from S. H. De Groot, $23,622; J. McCarron, 733 Mahoning Ave., $24,275; V. Heasley, 262 Lincoln Ave., $30,464. Noted Sept. 6.

★**Ind., Boonville**—Warrick Co. let contract building 16 steel bridges to International Steel & Iron Co., 1243 Edgan St., Evansville, $15,713.

★**Ind., Hammond**—Lake Co. Comrs., Crown Point, let contract building Scherzer lift steel bridge over Calumet River to C. L. Phillips, 134 South La Salle St., Chicago, $85,000.

★**Wis., Milwaukee**—Milwaukee Co. let contract rein.-con. bridge over Menomonee River, on Blue Mound Rd., to Schneider Stone Co., Menomonie Falls, $16,775.

★**Idaho, Swan Valley**—Bonneville Co. Comrs., Idaho Falls, let contract building new Snake River Bridge to W. H. Perham, St. Anthony, $22,500.

STRUCTURAL STEEL WORK

BIDS DESIRED

Ga., Woodbine—See "Bridges."
Fla., West Palm Beach—See "Bridges."
Minn., St. Paul—See "Water-Works."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ind., Boonville**—See "Bridges."
★**Ind., Hammond**—See "Bridges."
★**Cal., Sacramento**—See "Buildings."

REINFORCED CONCRETE

Proposed Work

Pa., Phila.—See "Bridges."
Del., Wilmington—See "Industrial Works."
W. Va., Huntington—See "Buildings."
Miss., Winona—See "Bridges."
Wis., Sheboygan—See "Industrial Works."
Minn., Duluth—See "Bridges."
Cal., Los Angeles—See "Buildings."
Cal., Riverside—See "Bridges."
Cal., Sacramento—See "Buildings."

BIDS DESIRED

W. Va., Elkins—See "Bridges."
Ind., Greenfield—See "Bridges."
Ind., Lafayette—See "Buildings."
Minn., St. Paul—See "Water-Works."
Okla., Enid—See "Bridges."
Okla., Guthrie—See "Bridges."
Wash., Olympia—See "Bridges."
Cal., Manhattan Beach—See "Miscellaneous."
Cal., San Francisco—See "Buildings."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Brooklyn**—See "Buildings."
N. Y., Scarsdale—See "Bridges."
★**N. J., Newark**—See "Bridges."
★**Wis., Milwaukee**—See "Bridges."
★**Cal., Sacramento**—See "Buildings."
Cal., San Diego—See "Miscellaneous."

STREETS AND ROADS

Proposed Work

Mass., Malden—City plans to pave 1½ mi. Salem St. E. H. Estey, city engr.

N. Y., Amsterdam — Council approved appropriation of $30,000 to be used for street paving. C. G. Messenger, city engr.

N. Y., Rochester—Council plans to pave and improve portion Front, Grove, Primrose, Gregory, Cypress, Werner, University, Minnesota, Winton, Camden and Alpha Sts. F. T. Elwood, city engr.

New Jersey—State Highway Comn., Trenton, plans to improve highway between Trenton and Camp Dix, Wrightstown. About $75,000. R. A. Meeker, state highway engr.

N. J., Bayonne—City rescinded contract let to W. T. S. Crichfield, 54 5th St., Hoboken, paving portion 39th St. New bids. Road to be 30 ft. instead of 36 ft. wide. Noted Aug. 30.

N. J., Hackensack—Bd. Freeholders Bergen Co., authorized $516,000 bond issue to build and improve county roads.

N. J., Highland Park—(New Brunswick P. O.)—Boro. Council soon receives bids grading 8th and 1st Aves,. Magnolia and Montgomery Sts. Address E. Page, 2nd Ave.

N. J., Jersey City—City soon receives bids paving Central Ave., granite block. About $50,000. C. A. Van Kuren, city engr.

N. J., Newton—Sussex Co. preparing plans improving Sparta-Ogdensburg Rd. About $25,000. W. Harden, co. engr.

N. J., South Orange — Township Com. plans macadam pavement and cement sidewalks on Walton Ave. and Wellesley St. I. T. Redfern, town engr.

N. J., Trenton—Bd. Freeholders Mercer and Monmouth Cos., Freehold, plans to rebuild 5 mi. Old York Rd. Address F. McCullough, Trenton.

Pennsylvania — State Highway Comn., Harrisburg, plans to build 8-mi. state road from Quarryville to Oxford.

Pennsylvania — State Highway Comn., Harrisburg, rejected bids road work in Cambria Co., East Taylor and Jackson Twps.; Washington Co., Cecil and North Strabane Twps.; Allegheny Co., South Fayette Twp.; Lehigh Co., Hanover Twp.; Armstrong Co., Manor Twp.; Butler Co., Clinton Twp.; Montgomery Co., Abington, Upper Moreland and Upper Dublin Twps.; Somerset Co. Somerset Twp. and Centre Co., Bellefonte Boro. Noted Aug. 23.

Pa., Brownsville — Boro. plans grading and paving portions 2nd and 18th Sts. Noted Apr. 12.

Pa., Carnegie—Boro. authorized grading, paving and curbing 6th Ave., vitr. paving block, concrete gutter and curb. O. B. Highley, boro. engr.

Pa., Monessen—City plans paving, grading and curbing Leeds and Linden Aves. and 10th St. A. W. Johns, city engr.

Pa., Punxsutawney—Boro. plans to improve West Mahoning St. and pave portions Mitchell and South Main St., brick. R. S. Van Renseler, engr.

Va., Bristol—G. M. Warren, mayor, vetoed sale of $20,000 bonds to improve streets. Noted Aug. 16.

Va., Claredon — Alexandria Co. rejected bid improving Cherrydale Rd. New bids. Noted Aug. 9.

Va., Gate City—Scott Co. plans to grade 5-mi. Bristol-Lexington Highway. E. V. St. Matin, co. engr. Noted May 24.

Va., Goochland—Goochland Co. plans to improve road from state farm to court house, 4 mi.

Va., Graham—City appropriated $10,000 to build 2 mi. waterbound macadam road.

Va., Williamsburg—City plans paving Duke of Gloucester St., 18 ft. wide, York St. and Richmond Ave., 15 ft. wide. About $20,000. J. M. Henderson, mayor.

W. Va., Edgewood—(Wheeling P. O.)—Council sold $54,000 bonds to improve streets.

W. Va., Elmgrove—City voted $32,000 bonds to pave several streets. Noted July 12.

W. Va., Stealey Heights—(Clarksburg P. O.)—Town voted $15,000 bonds pave, grade and curb, portions Stealey and Duncan Aves., Davis St. and alleys, brick and concrete. L. D. Mitchell, mayor. Noted Sept. 6.

N. C., Durham—City plans to pave 50,000 yd. streets. H. W. Kueffner, city engr.

N. C., Louisburg — Franklin Co. Comrs. will vote Oct. 9 on $20,000 bond issue for roads in Gold Mine Twp. J. D. Alston, chn.

N. C., Marion—North Cove Twp., McDowell Co., issued $50,000 bonds to build 20 mi. road from Marion Twp. line to point near Spruce Pine connecting with road leading to Johnson City, Tenn.

N. C., Nashville—City plans to pave 12,800 sq.yd. streets, asphalt, and 10,000 sq.yd. concrete. B. M. Lee, Box 157, city engr.

Fla., Lake City—(Official)—Columbia Co. Comrs. plan election Oct. 9 (change of date) to vote on $500,000 bond issue to build roads. Noted Sept. 13.

Fla., McClenny—Baker Co. will sell $75,000 bonds for road improvements in Special Rd. Dist. No. 1.

La., St. Martinsville—St. Martin's Parish to sell $300,000 bonds Oct. 13 to improve roads. Noted Sept. 13.

Ky., Harlan—Harlan Co. plans to build Pine Mt. Rd. R. Wiley, Frankfort, comr. pub. roads.

Ky., Murray—Colloway Co. plans to build road from Murray to Lynn Grove and Graves Co. line with state aid. About $13,800.

O., Bryan—(Official)—Williams Co. sold $117,500 bonds for improving roads. G. C. Beucler, co. aud. Noted Sept. 6.

O., Cincinnati—Council passed ordinance to issue $56,000 bonds to resurface and widen Freeman St. F. Krug, city engr.

Streets and Roads (Continued)

O., Cincinnati—Council pased ordinance to improve and pave Hamilton, Seager and Colorain Sts. F. Krug, city engr.

O., Marion—City Council plans to pave, build sidewalks and install sewers on several streets. About $25,000. H. H. Noyes, city engr.

O., Tiffin—Seneca Co. sold $50,000 bonds to improve roads. J. E. Hershberger, aud. Noted Sept. 6.

Ind., Crown Point—(Official)—Lake Co. sold $48,000 bonds to improve roads. M. J. Brown, treas. Noted Sept. 6.

Ind., Richmond—Wayne Co. appropriated $10,000 to improve Petersburg Turnpike.

Mich., Grand Haven—Park Twp., Ottawa Co., plans election soon to vote on $40,000 bond issue to build Alpena Rd. from Central Park to Macatawa.

Mich., Howell—Town voted $13,000 bonds to improve Detroit-Lansing Highway.

Mich., Kalamazoo—Kalamazoo Co. Rd. Comrs. soon lets contract building trunk line highway from Yorkville east to east side of Gull Lake and Turners resort.

Ill., Cairo—Bd. Local Improvs. plans to improve Cedar, Pine and 20th Sts. by paving and installing sewers. About $28,000. G. F. Dewey, city engr.

Ill., Chicago—State Highway Dept. and Federal Government appropriated $614,000 to build Dixie Highway from here to Danville through Will, Kankakee and Iroquois Cos., who will pay remaining one-fourth of estimated cost. Under plan Will Co. will pay $26,500, Kankakee, $67,200 and Iroquois, $94,500.

Ill., Chicago—Illinois Valley Way Assn. plans to build highway from here to Springfield, passing through Joliet, Morris, Ottawa, La Salle, Spring Valley, Depue, Bureau, Peoria and Mason City. State Highway Dept. and Federal Government appropriated $2,215,000 toward project. W. J. Reardon, Pekin, and C. E. Schuremam, Green Valley, interested.

Ill., Decatur—State Highway Comn., Springfield, appropriated $35,000 to build roads in Macon Co.

Ill., Elgin—City soon lets contract paving River St. and north end Douglas Ave. About $32,000. M. H. Brightman, city engr.

Ill., Pontiac—Bd. Supervs. Livingston Co. plan to build 3 mi. hard-surfaced roads, Newton, Charlotte and Graymont Twps. About $36,850. State appropriated $18,425 toward cost.

Wis., Green Bay—Brown Co. voted $175,000 bonds to build and repair roads.

Wis., Milwaukee—City Council plans widening portion Oklahoma Ave. About $101,337. G. Stahl, city engr.

Minn., Minneapolis—City plans to issue $325,000 bonds to widen portion 9th St. F. W. Cappelin, city engr.

Neb., Lincoln—City soon receives bids paving in Dists. 381 and 398, including Legro Ave., Washington and 31st Sts. A. Dobson, city engr.

Neb., Omaha—County rescinded contract let to W. E. Callahan, 1514 City Natl. Bank Bldg., for 1 mi. paving. New bids. Noted Aug. 23.

Neb., Omaha—City plans to pave 26th St., asphaltum cement, 40th St., sheet asphaltum and Jackson St., brick. J. A. Bruce, city engr.

S. D., Aberdeen—Brown Co. Comrs. voted $40,000 bonds to improve roads.

Mont., Butte—City plans to build sidewalks, crosswalks, curbs, etc. in Floral Park Addition. About $71,739. J. J. Armstrong, city engr.

Missouri—State Highway Comn., Jefferson City, plans to build highway from East St. Louis to Springfield. About $1,415,000.

Mo., Fredericktown—Madison Co. election Nov. 20 to vote on $500,000 bonds to build 3 hard-surfaced roads from Granite City to Alton, East St. Louis to Springfield and East St. Louis to Terre Haute, Ind.

Mo., St. Joseph—City plans to grade Jefferson and 28th Sts., build sidewalks on 22nd St. and pave Marion, Market and 31st Sts., asphaltic concrete. C. P. Hoff, city engr.

Mo., Stanberry—City Council passed resolution to pave portions Park and High Sts.

Arkansas—State Highway Comn., Little Rock, prepared plans 49 mi. roads, Chatfield, Edmondson and Proctor Twps., earth and gravel; about $185,000; also 7 mi. from Searcy to Smyrna, $45,000.

Ark., Fayettsville—Washington Co. Comrs. had plans prepared building 6-mi. road from Rogers to Huntsville. About $10,000.

Ark., Paragould—Greene Co. Comrs. plan to build 11-mi. road from Walcott to Cache River. About $60,000.

Ark., Texarkana—Miller Co. having plans prepared for road through county to Louisiana State line.

Tex., Albany—Shackelford Co. and State Highway Comn. having plans prepared for Ft. Worth to Roswell Highway. About $110,000. Noted May 4.

Tex., Fort Worth—Tarrant Co. Comrs. plan to build 5-mi. tarvia pike 21 ft. wide from city limits to Nine-Mile bridge. About $15,000.

Tex., Orange—Orange Co., Precinct No. 4, election Oct. 9, to vote on $30,000 bonds to build roads.

Tex., Paris—City election Oct. 9 to vote on $20,000 bond issue for paving and widening streets. Address the Mayor.

Tex., Snyder—Scurry Co. plans election Oct. 13 to vote on $100,000 bonds for building roads.

Colo., Denver—City plans to improve streets, Dists. Nos. 4 and 15. About $73,500. H. F. Meryweather, city engr.

New Mexico—State Highway Dept., Santa Fé, plans to build roads in Quay Co. Plans include Ozark Trail from Tucumcari to Montoya, 22 mi., $95,075; road from Tucumcari to Endee, 3 mi., $10,576; and 1 from Tucumcari to Glenco, $4180; Federal aid will be obtained. J. A. French, state highway engr.

Idaho, Grangeville—(Official)—City voted $35,000 bonds to build roads. W. W. Brown, treas.

Utah—(Official)—State Highway Dept., Ogden, will build Post Rd. project by force account, under supervision of State Rd. Comn. Highway will be built from Castlegate to Duchesne and from Ogden to Hooper. About $77,400 and $31,300 respectively. Noted Sept. 6.

Wash., Seattle—City council plans improving portions 14 streets and avenues and constructing sewers in same. A. H. Dimock, city engr.

Oregon—State Highway Comn., Salem, estimates cost building 18 mi. Central Oregon Highway between Rain Rock and Upper North Fork Valley, at $100,000.

Oregon—State Highway Comn., Salem, rescinded contract let to Oregon-Hassam Paving Co., Bd. Trade Bldg., Portland, for 5 mi. paving north and south of Marion on Pacific Highway. New bids. Noted Aug. 9.

Ore., Woodburn—City plans grading and laying rockolite paving on East Cleveland Ave. About $15,000.

Cal., Corona—City and Riverside Co., Riverside, plan to improve Santa Ana Canyon Rd. from Corona to Orange Co. line.

Cal., Long Beach—See Miscellaneous."

Cal., Riverside—(Official)—Bd. Supervs. Riverside Co. receiving bids about Nov. 1, grading and surfacing 21 mi. road gravel. R. W. Waterman, R. D. 1 No. 2, co. engr.

Cal., Susanville—Lassen Co. election Oct. 2 to vote on formation highway district comprising supervisorial Dists. Nos. 1, 2 and 3. Bond issue of $60,000 is proposed. State legislature appropriated like amount for project.

Ont., Erieau—City plans to build 1 mi. concrete roadway. P. Shillington, clk.

Ont., Windsor—Council passed by-law for widening alley between Ouellette and Ferry. About $13,920. M. A. Dickinson, city clk.

BIDS DESIRED

N. Y., Brooklyn—Until Sept. 28, by M. M. Connolly, boro. pres. (Queens Boro.), regulating and repaving portion Jamaica Ave., asphaltic concrete on relaid block foundation.

N. J., Hamilton Square—(Official)—Until Sept. 26, by W. C. R. Hart, town clk., improving Maple Shade Rd., macadam surface on macadam foundation, 4980 sq.yd. F. W. Tooker, engr.

N. J., Linden—Until Sept. 25 by Boro. paving portion Elizabeth Ave., concrete. C. H. Smith, clk.

N. J., Newark—Until Sept. 27, by Bd. St. and Water Comrs., flagging sidewalks, South St., paving 14,000 sq.yd. asphalt, 2700 sq.yd. cement granite block, Geneva, North 6th and North Canal Sts. M. R. Sherrard, city engr. Noted Aug. 23.

N. J., Newton—(Official)—Until Oct. 11, by Bd. Freeholders Sussex Co., grading Ross' Corner Sussex Rd.; advertised in this issue.

N. J., Weehawken—(Bergen)—Until Sept. 27, by Township Com., improving Bulls Ferry Rd. and 31st St. About $30,000.

Pennsylvania—(Official)—Until Oct. 9, by State Highway Dept., Harrisburg, rebuilding roads in Cambria, Lackawanna, Washington, Allegheny, Lehigh, Butler, Westmoreland, Montgomery and Venango Cos., vitr. block and rein.-con. F. B. Black, comr.; advertised in this issue.

Pennsylvania—(Official)—Until Oct. 16, by State Highway Dept., rebuilding roads in Greene, Armstrong, Somerset and Center Cos. F. B. Black, comr.

Maryland—(Official)—Until Oct. 2, by State Rds. Comn., 601 Garrett Bldg., Baltimore, highways in Frederick and Allegany Cos.; advertised in this issue.

S. C., Charleston—(Official)—Until Sept. 25, by J. W. Martin, engr., Sanitary and Drainage Comn., 39 Broad St., paving 8500 sq.yd. concrete or asphalt; advertised in this issue. Noted Sept. 13.

Fla., Miami—Until Oct. 1, by J. F. Canova, city clk., paving, grading, rolling, scarifying and oiling Ocean Dr.

Ala., Carrollton—Until Oct. 4, by Pickens Co. Highway Comn., grading, graveling, fencing and hauling and placing concrete pipes on following roads: Carrollton and Pickens Rd., 7 mi.; State line to Pickensville, 10 mi.; Reform-McShas Rd., 10 mi.; McShas State line Rd., 12 mi.; involving 150,000 cu.yd. grading; 40,500 cu.yd. graveling; 500 stations clearing and grubbing; 3500 lin.ft. pipe and 100,000 ft. bridging. G. E. Hauser, Columbus, engr.

Ala., Russellville—Until Sept. 29, by A. J. Earle, city engr., certain grade work, gravel paving and culvert work.

Ala., Wedowee—Until Oct. 13, by Randolph Co., Comrs., grading, draining and surfacing 3½ mi. State Trunk Rd. No. 19, between Rock Mills and Georgia State line; involving 16,000 cu.yd. earth excava., 1000 cu.yd. solid rock excava. and 5000 cu.yd. top soil.

O., Bryan—(Official)—Until Sept. 28, by Comrs. Williams Co., building 1.94 mi. public highway in Springfield Twp. About $18,584 for bank run gravel and $23,202 for waterbound macadam. G. C. Beucler, aud.

O., Cincinnati—(Official)—Until Sept. 24, by E. VonBargen, purch. agt., 60,000 gal. coal tar bituminous binder for repairing bituminous and macadam streets. F. Krug, city engr.

O., Cleveland—Until Sept. 26, by City, paving Ivanhoe Rd. grade elimination. R. Hoffman, city engr.

O., Steubenville—Until Sept. 27, by G. W. Borden, dir. pub. ser., paving portion Oregon Ave. J. N. Leach, city engr.

Indiana—By Co. Comrs. building roads as follows: Sept. 29: Anderson; 2 gravel roads, Union, Jackson and Stoneycreek Twps. E. T. Flahavin, aud. Frankfort; building 4775 ft., 1345 ft., 5337 ft. gravel roads, Perry and Forest Twps. E. Spray, aud. Oct. 1: Newport; 2 gravel roads, Vermillion Twp. L. F. Wright, aud. Oct. 2: Monticello; road, Monon and Honey Creek Twps. A. G. Fisher, aud. Rensselaer; 2 stone roads, Barkly Twp. J. P. Hammond, aud. Goshen; concrete road, Concord Twp. A. R. Bemenderfer, aud. Vincennes; 12,144 ft. gravel road, Johnson Twp., 14,100 ft. Harrison Twp. J. I. Muent-

Streets and Roads (Continued)

zer, aud. Oct. 3: Bloomfield; 3 macadamized roads, Jefferson, Fairplay and Stockton Twps. G. E. Kidd, aud. Columbia; 13,508 ft. gravel road, Washington Twp. T. A. McLaughlin, aud. Oct. 5: Corydon; 2 stone roads, Webster, Boone and Harrison Twps. S. C. Mauck, aud.

Michigan—(Official)—Until Sept. 26, by F. F. Rogers, state highway comr., Lansing, building 5.983 mi. waterbound macadam road. Laketown Twp.

Washington—(Official)—Until Oct. 1, by State Highway Comn., Olympia, clearing, grading, draining and surfacing State Rd. No. 21, between Clifton and Charleston in Mason and Kitsap Cos., 10 mi., 6 mi. State Rd. No. 22, from Myers Falls, Stevens Co., and sections of Olympic and Pacific Highways. Noted Sept. 6.

Wash., Olympia—See "Bridges."

Ore., The Dalles—(Official)—Until Sept. 25, by Wasco Co. Court, grading, ditching, draining and macadamizing The Dalles-Dufur Sect. and Dufur-Kingsley Sect. of The Dalles-California Highway; also Seven Per Cent Route a d Dry Creek Route of The Dalles-Mosier Rd.

California—Until Oct. 8, by State Highway Comn., 515 Forum Bldg., Sacramento, paving 7.7 mi. in Butte Co.; 16 mi. in Marin Co. and 12.4 mi. in Sonoma Co., concrete. A B. Fletcher, engr.

Cal., Oroville—Until Oct. 1, by C. F. Belding, clk., Butte Co., improving roads in Dist. No. 2.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Massachusetts**—(Official)—State Highway Comn., Boston, let contract building roads, Egremont-Sheffield Twp., to F. Fay & Co., Springfield. Noted Aug. 2.

★**Massachusetts**—(Officia')—State Highway Dept., Boston, let contract paving Littleton Highway to Framingham Constr. Co., Framingham. Noted Aug. 30.

Mass., Boston — City received low bids surfacing 36,161 sq.yd. on Beacon, North Russell, Maverick Sq., Harvard, Bowdoin and South Sts. and Brighton Ave., from Bermudez Co., 246 1st St., $111,542; Rowe Contg. Co., Boston, $116,044; Warren Bros. Co., 142 Berkeley St., $112,786.

Rhode Island—(Official)—State Bd. Pub. Rds., Providence, received low bids rebuilding section East Main Rd., Portsmouth Twp., from A. Price, Narragansett Pier, $67,161; J. McCormick, 315 Taunton Ave., East Providence, $68,727; Lane Constr. Co., 37 Colony St., Meriden, Conn., $74,386. Noted Sept. 6.

★**Connecticut** — State Highway Dept., Hartford, let contract 5½ mi.concrete road in Cheshire and Hamden Twps., to Sperry Eng. Co., 82 Church St., New Haven, $127,529. Noted Sept. 6.

★**Conn., New Haven**—Permanent Paving Comn. let contract paving portion Hamilton St., to Union Paving Co., 119 Lafayette St., Schenectady, N. Y., $12,077.

★**N. Y., Brooklyn**—Dept. Parks let contract paving Ft. Hamilton Ave., Ocean Pkway, to 72nd St., asphalt, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., $128,271.

N. Y., Brooklyn — (Official) — L. H. Pounds, boro. pres., received low bids regulating and restoring pavement within area intersected by Dean St. and Nostrand Ave., from Rosenthal Eng. Contg. Co., Inc., 165 Hooper St., $30,148.

N. Y., New York—(Official)—D. Mathewson, boro. pres. (Bronx Boro.), received low bids grading, curbing, guttering, paving and repaving streets as follows: East 138th St., S. S. Davis, 437 East 139th St., $12,106, Fredburn Constr. Co., $13,792, Davney Asphalt Paving Co., 52 Vanderbilt Ave., $13,888; Sacket Ave., Fred Schneider, Westchester Ave. and Bronx Rd., $40,012, Bebalso & Baldo, 1481 Hoe Ave., $45,375, Oscar Daniels Co., Woolworth Bldg., $45,641; University Ave., Uvalde Asphalt Paving Co., 1 Bway., $16,648, Asphalt Constr. Co., 2197 Madison Ave., $17,133. Noted Aug. 30.

★**N. J., Camden**—Street Com. let contract paving Federal St. to John M. Kelly Contr. Co., 432 Market St. About $3.90 per sq.yd.

★**N. J., East Rutherford**—(P. O., Rutherford)—(Official)—City let contract paving Park Ave., granite block, to Jannarane Contr. Co., Belleville, $12,000. Noted Aug. 23.

★**N. J., New Brunswick**—Bd. Freeholders Middlesex Co., let contract paving Rahway Ave., to Meagher & Smith, 211 Market St., Perth Amboy, $74,964. Noted Sept. 6.

★**Pennsylvania**—(Official) — State Highway Comn., Harrisburg, let contract 7821 ft. bituminous concrete road in Lackawanna Co., South Abington Twp., to H. B. Sproul Constr. Co., Inc., 1055 Division St., Peekskill, N. Y., $51,218; 6513 ft. vitr. block pavement, Fayette Co., Washington Twp., Vicenzo Di Giorno, Fayette City, $45,825; grading and draining 9299 ft. road, Beaver Co., Hopewell and Moon Twps., W. S. Morrison, New Brighton, $18,851; 23,546 ft. rein. cement concrete road White and Big Beaver Twps., P. F. Connolly, Reality Bldg., Elmira, N. Y., $145,199. Noted Aug. 23.

Pennsylvania — (Official) — State Highway Comn., Harrisburg, received low bids paving 1270 ft. vitr. block pavement on road in Dauphin Co., Swarara Twp., from Stucker Bros. Constr. Co., Russ Bldg., Harrisburg, $17,857; F. J. Reilly, Lancaster, $18,184; paving 8367 ft. rein. con. road in Foster Twp., Route 96, Sect. 1, Lawrence Schultze & Sons, Fredonia, N. Y., $43,777; Jos. McCormick and Bro., 717 West 11th St., Erie, $48,116; P. F. Connolly, Reality Bldg., Elmira, N. Y., $42,232. Noted Aug. 23.

★**Pa., Williamsport** — City let contract paving Market St. bridge, creosoted wood block floor, to Busch & Stewart, Trust Bldg., $15,682.

★**Md., Baltimore**—City let contract paving Weldon Ave. and Ailsa Terrace, sheet asphalt, to F. Novak, $7740; several streets and alleys, recut granite blocks, to P. Reddington & Sons, $28,848. Noted Aug. 16.

Md., Towson—Baltimore Co. Comrs. received low bid building 1 mi. Falls Rd., concrete, from T. F. Mullan, 4001 Greenmount Ave., Baltimore, $22,574. Noted Aug. 30.

★**Va., Hampton**—Elizabeth City Co. let contract building concrete road from Hampton to Newport News to Hunter & Tignor, Hampton, $60,000.

★**N. C., Durham**—(Official)—City let contract improving streets, lake sheet asphalt, combined curb and 30-in. gutter; also concrete storm pipe sewer to Ely Constr. Co., Charlotte, $136,151.

★**Fla., Jacksonville** — City let contract paving Adams and Parker Sts,. brick, to Wilson Constr. Co., Clark Bldg., Jacksonville, $1.30 and $1.27 per sq.yd.

★**Miss., Indianola**—Sunflower Co. let contract building 25 mi. gravel roads to W. A. Morrison, Grenada. Noted Aug. 2.

★**Miss., Tunica**—Tunica Co. Comrs. let contract building 41 mi. gravel roads to N. A. Dawson, 801 Guntel Bldg., San Antonio, Tex., $220,000. Noted July 26.

★**Miss., Yazoo City**—Yazoo Co. Highway Comn. let contract 7 mi. grading to Edgar Bros. Co., Canton. About $50,000. Noted Aug. 30.

★**Lousiana**—State Highway Comn., New Orleans let contract building 33 mi. road, Rd. Dist. No. 1, Coupee Parish, to Grisby Constr. Co., $125,000. Noted Aug. 16.

★**La., Amite**—Bd. Superv. Tangipahoa Parish Rd. Dist. No. 4, let contract building Kentwood and Tangipahoa Rds. to T. G. Womack, Kentwood, $13,428 and $11,250 respectively. Noted Aug. 16.

★**O., Lancaster**—See "Sewers."

★**Ind., Anderson**—Madison Co. Comrs. let contract paving Meridian Ave. to Indiana Asphalt Paving Co., 25th St. and Lake Erie & Western Ry. tracks. About $72,400.

★**Ind., Michigan City**—City let contract paving portion Vail St., asphaltic concrete, to Municipal Contr. & Supply Co., $1.04 per sq.yd.

★**Mich., Caro**—Tuscola Co. let contract building 3 mi. 16-ft. concrete trunkline highway in Akron Twp. to Hess Bros., Akron. About $37,000.

★**Mich., Detroit**—Bd. Pub. Wks. let contract paving, grading, curbing and laying 6-in. concrete foundation in Mackie, McKinstry and Konkel Aves. and Lisbon St., to F. Porath & Son, 305 Free Press Bldg., $32,802; Clarendon Ave., to J. Porath, 34 McGraw Bldg., $26,903; Alleys Nos. 849, 850, 851, 852, 853, 854 and 855, Otis Cement Constr. Co., 806 Hammond Bldg., $30,437. Mercier and Yale Sts., St. Jean, Chalmers, Dickerson, Burns, Avery, Marlborough, Newport and Eastwood Aves., asphaltic concrete, Amherst curbstone, to Detroit Asphalt Paving Co., McGraw Bldg., $146,771; La Salle Gardens, asphaltic concrete, W. B. Brady Constr. Co., $10,733; Collingwood Ave., Cleveland Trinidad Paving Co., 3409 Trumball St., Cleveland, $28,668.

★**Mich., Grand Rapids**—(Official)—Kent Co. let contract road from Belmont to Plainfield to Golden & Boter, 25 Market Ave., N. W., $18,800.

★**Illinois** — (Official) — State Highway Comn., Springfield, let contract building 50,206 ft. earth road, Sects. 1 and J. Tazewell Co., to Cameron Joyce & Co., Keokuk, Ia.; 6210 ft. brick road, Sect. F, Edgar Co., to A. J. Parrish, Paris; Sect. F, Effingham Co., to Parham Constr. Co., 3029 Waverly Pl., East St. Louis.

★**Ill., Chicago**—City let contract paving 18 blocks, asphaltic concrete, on East Side, to Chicago Heights Coal Co., Chicago Heights. About $80,000.

★**Ill., Flora**—(Official)—City let contract improving main, 2nd and Locust Sts. to R. R. Havshman, Sullivan, $33,659.

Ill., Galesburg—City received low bid paving North Seminary St., from J. B. McAuley, 13-15 Commercial Bldg., $20,967. Noted Aug. 2.

★**Ill., Springfield**—City let contract improving portion Carpenter St. to H. Nelch & Son, 9212 Jackson St., $.87 per sq.yd paving, 60c. per ft. curbing.

★**Ia., Davenport**—Bd. Pub. Wks. let contract paving portions Fenwood, Mound, Wilkes, 16th, Judson, Vine, Glaspell and Henry Sts., to Central Eng. Co., 809 Putnam Bldg., $10,117.

★**Ia., Mason City**—City let contract paving 3 mi. road from Mason City to Clear Lake to Bryant Asphalt Paving Co., Black Hawk Bldg., Waterloo, $1.62 per sq.yd. Noted June 28.

Minn., Duluth—St. Louis Co. received low bid scarifying, rolling and surfacing 1 mi. 11th Rd. from General Contr. Co., 1254 Plymouth Bldg., Minneapolis, $20,000.

★**Minn., Gilbert**—(Official)—Village Trustees let contract resurfacing 15,000 sq.yd. streets, warrenite, to General Contg. Co., 1254 Plymouth Bldg., Minneapolis.

★**Minn., Mankato**—(Official)—Blue Earth Co. let contract graveling 4½ mi. Mapleton Rd. to M. E. Runke, Mapleton. Noted Sept. 6.

★**Minn., St. Paul**—City let contract lug wood paving blocks to Kettle River Co., Minneapolis, $1.74 per sq.yd.

★**Kan., Ottawa**—City let contract, paving portion Cedar St. to N. E. Stucker, $12,308.

★**Neb., Kearney**—City Comrs. let contract paving 1st, 2nd and 5th Aves., 23rd and 24th Sts., to Union Paving and Constr. Co., St. Joseph, Mo., $1.67 per sq.yd. Noted June 14.

★**Mo., Joplin**—City let contract resurfacing 5235 sq.yd. Wall St., brick and 4845 ft. 5th St. to Spooner Road Oil Co., 802 Chestnut Ave. Noted Aug. 9.

★**Mo., Kansas City**—(Official)—Bd. Park Comrs. let contract paving portion Paseo Rd. to McTernan Halpin, 25th and Grand Ave., $1.27 per sq.yd. Noted Sept. 6.

★**Mo., Kennett**—City let contract improving portions Washington Ave. and College St., involving 15,568 sq.yd. paving, 12,814 lin.ft. curbing, 1444 lin.ft. 6-, 10-, 36-in. sewer pipe, 3700 cu.yd. grading and 600 lin.ft. concrete headers to Carmean & Workman, Kennett.

★**Mo., St. Joseph**—City let contract paving portion King Hill Ave. to Metropolitan Paving Co., 7th and Clive Sts. Noted Sept. 13.

★**Ark., Arkadelphia** — City let contract macadamizing Main St. to Harding Constr. Co., Arkadelphia, $10,000.

★**Okla., Ardmore**—City let contract to Ardmore Constr. Co., Ardmore, paving A St., $14,557, F St., $16,445, and D St., $14,940.

Streets and Roads (Continued)

★**Wash., Ferndale**—City let contract paving 3rd and other streets to C. Lind, Bellingham, $15,214.

Wash., Seattle—King Co. Comrs. received low bids building Auburn-Enumclaw Highway No. 11-C from A. L. Clark Co., c/o Washington Paving Co., L. C. Smith Bldg., $44,752; H. J. Kaiser, 312 Colby Bldg., Everett, $46,000. Noted Aug. 23.

★**Wash., Seattle**—City let contract paving Elliott Ave. to Superior Constr. Co., 1642 Lane St., Seattle. About $11,057. Noted Sept. 6.

★**Oregon**—State Highway Comn., Salem, let contract building 3 sections State Highway, Douglas Co. as follows: 10 mi. from Oakland to Yoncalla to Warren Constr. Co., Journal Bldg., Portland, $94,905; from Comstock to Leona, Hall & Solium, Eugene, $57,946; Leona to Lane Co. line, S. S. Schell, Roseburg, $26,787. Noted Aug. 30.

★**Ore., Astoria**—City let contract paving portion Franklin Ave. to Birch & Jackson, Astoria, $12,500. Noted Sept. 6.

Ore., Portland — City received low bids building streets, Rose City Park Dist., gravel-bitulithic, from Warren Constr. Co., Journal Bldg., Portland, $20,391 and O. Huber, Sherlock Bldg., $21,231.

California — (Official) — State Highway received low bids grading 10.8 mi. highway in Shasta Co., from Holland Constr. Co., Granger Bldg., San Diego, $27,642; W. M. Ledbetter, Pacific Electric Bldg., Los Angeles, $25,458; C. L. Hyde Constr. Co., Spreckes Bldg., San Diego, $27,335; grading 4.5 mi. in San Diego Co., Palmer & McBryde, Hooker & Lent Bldg., San Francisco, $59,541; Richard Rothwell, Los Angeles, $90,777; Tieslau Bros., San Francisco, $61,304. Noted Aug. 23.

California—State Highway Comn., Sacramento, received low bids 7.2 mi. grading in Humboldt Co. from A. Robinson and R. R. Smith, Fortuna. About $48,407. Noted Aug. 30.

★**Cal., Long Beach**—Bd. Pub. Wks. let contract improving 5th and Elm Sts. to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles; grading, 13.9c. per sq.ft., curbing, 35c. per lin.ft., guttering 23c. per sq.ft., sidewalks, 12c. per sq.ft. and pipes and culverts at $1000. Noted Sept. 6.

★**Cal., San Bruno**—Bd. Trustees let contract for street work to Chas. J. Linderen, Burlingame. About $43,238.

Cal., San Jose—Santa Clara Co. received low bids improving Bodfish Mill Rd. from Kunze Contg. Co., $45,596; Spring Constr. Co., Solano and Colusa Sts., Berkeley, $47,230; F. R. Ritchie, Sharon Bldg., San Francisco, $48,800. Santa Clara and Alviso Rd., Raisch Improv. Co., Underwood Bldg., San Francisco, $45,470, topeka, $52,000, warrenite; F. R. Ritchie, Sharon Bldg., San Francisco, $46,500, topeka, $49,890, warrenite. Noted Aug. 30.

★**Cal., Santa Barbara**—City let contract 128,660 sq.ft. warrenite paving, 4488 lin.ft. cement curbs, 32,238 sq.ft. cement walk, 19,236 sq.ft. cement gutter, 5 catch basins and sprinkler system in State St. to Fairchild-Gilmore-Wilton Co. Pacific Electric Bldg., Los Angeles, $37,834; 109,989 sq.ft. asphalt paving, 1383 lin.ft. cement curbs, 16,122 sq.ft. cement gutter and 500 lin.ft. 18-in. vitr. pipe, etc. in De La Vina St. to G. R. Curtis, 2440 East 26th St., Los Angeles, $24,127. Noted Aug. 23.

★**Cal., Vallejo**—City let contract improving streets in central section of city to Worswick Constr. Co., Vallejo, $80,294.

Cal., Ventura—Bd. Superv. Ventura Co. paving on Telegraph and Nordhoff Rds. **received low bid 1,193,000 sq.ft.** concrete from Rooney-Wyckoff Co., Consolidated Realty Bldg., Los Angeles, $22,667. Noted Aug. 30.

★**Cal., Yreka**—Siskiyou Co. let contract building 4 mi. Forest-House-Etna Rd. to A. Anderson, Yreka, $11,800.

★**Que., Shawenegan Falls**—City let contract grading La Grande route to J. D. Jacob, Shawenegan Falls, $18,120.

★**Que., Shawenegan Falls**—City let contract building sidewalks to Napoleon Lapointe, $6250; O. Ricard, $5290; A. Giguere, $4700.

★**Que., Three Rivers**—City let contract laying 12,000 cu.yd. concrete pavement to Dallaire & Pothier, c/o Z. Lamber, city engr. About $33,600. Noted July 26.

RAILWAYS—STEAM & ELECTRIC

Proposed Work

Massachusetts—New York, New Haven & Hartford R.R. plans to widen and improve South Boston cut. About $1,000,000. E. Gagel, New Haven, ch. engr.

Florida—Jacksonville & Seashore Electric Asosciation plans to build 25-mi. line from Jacksonville to seashore, via proposed new highway bridge over St. Johns River, St. Elmo. W. Acosta, Herkimer Bldg., Jacksonville, secy.

Kentucky—Black Mountain R.R., recently incorporated with $200,000 capital stock, plans to build 10-mi. line from Pineville to confluence of Puckett's Creek and Chunk Lick Branch in Harlan, to tap coal fields of Bell and Harlan Cos. J. O. Watson, Fidelity Bldg., Fairmount, W. Va., M. C. Spratt, Buffalo, and J. S. Lambert, Fredonia, N. Y., incorporators.

Minnesota—Cuyuna Southern Ry., recently incorporated with $100,000 capital stock, plans to build line from Deer Wood to Mississippi River, St. Paul. C. Adams, Deer Wood, pres.

Montana—Northern Pacific R.R. plans to build 28-mi. line from Rapelje to Hesper, to be known as Lake Basin Branch. H. E. Stevens, St. Paul, ch. engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Kentucky**—Illinois Central R.R. let contract rebuilding lines in Paducah to G. W. Katterjohn, Paducah, $24,000.

★**Montana**—Great Northern Ry. let contract grading and double-tracking 26 mi. between Cut Bank and Blackfoot to Porter Bros., Spokane, $100,000.

★**Washington**—Chicago, Milwaukee & St. Paul R.R. let contract building 5½-mi. spur from Greendale to American Lake cantonment, Camp Lewis, to C. Matson & Son, Tacoma, $80,000.

EXCAVATION AND DREDGING

Proposed Work

Mich., Grand Rapids—Drainage—Comrs. Kent Co., Grand Rapids, Iona Co., Ionia and Barry Co., Hastings will soon receive bids building Coldwater River drain, Kent Co., about 18 mi. H. B. Patterson, drainage comr.

Minn., Duluth—Ditch—St. Louis Co. soon receives bids building Co. Ditch No. 11, Canosin region. About $12,800. O. Haldin, co. aud.

Minn., Ivanhoe —(Official)— Ditch—Lincoln Co. sold $50,000 bonds to build Ditch No. 30 and $65,000 for Ditch No. 35. K. A. Hansen, co. aud. Noted Sept. 6.

Ark., Jonesboro—Drainage—Cache River D. D. plans to build main ditch, 25 mi. long, 125 ft. wide, 30-mi. laterals, 25 to 45 ft. wide, to drain 110,000 acres, Craighead, Lawrence and Jackson Cos. J. R. Rhyme, Corning, engr.

Ore., Grants Pass—Irrigation—Grants Pass Irrigation Dist. election Oct. 4 to vote on $290,000 bond issue to install system for district covering 5250 acres, involving 35-mi. main canal, laterals, flumes, tunnels, etc. G. A. Hamilton, secy. Noted June 28.

Ore., Medford—Irrigation—Talent Irrigation Dist. voted $600,000 bonds for waterworks system from Hyatt Prairie source of supply in Cascade Mts., near Green Springs.

Cal., Oakdale—Canals—Oakdale Irrigation Dist. plans to spend $60,000 to concrete canals and replace flume.

BIDS DESIRED

Miss., Clarksdale—Drainage—Until Oct. 2, by Coahoma Co. Drainage Comn., cleaning and repairing 16 mi. canals, involving 170,000 cu.yd. excava. Hopsons Bayou D. D. L. W. Mashburn, engr.

Ind., Muncie—(Official) — Ditch — Until Sept. 28, by Delaware Co., building William R. Shirk Ditch No. 290, involving 42,878 cu.yd. excava., 1000 ft. 14-in. and 2300 ft. 18-in. shale tile. Address O. G. Weir, Anthony Blk.

Ia., Storm Lake—Drainage—Until Sept. 25 by Bd. Supervs., Buena Vista Co., building and improving D. D. No. 106, involving 58,800 cu.yd. excavation and 141,223 ft. 5 to 38-in. tile. W. W. Bennett, aud.

Minn., Anoka—Ditch—Until Oct. 3, by Anoka Co., building Co. Ditch No. 60, 16,100 ft. long, branches 12,840 ft. long, cost $28,371; repairing Co. Ditch No. 41, involving 68,646 cu.yd. excavation, $18,178. C. S. Piper, co. aud.

Minn., Fairmont—Ditch—Until Sept. 25 by Martin Co., building Judicial Ditch No. 77, involving 29,325 ft. 6- to 26-in. tile. About $22,649. H. C. Nolte, co. aud.

Minn., Le Sueur—Ditch—Until Oct. 1, by T. F. Dunn, Aud. Le Sueur Co., building Co. Ditch No. 45, involving 156,545 cu.yd. excavation. About $22,830.

Minn., Slayton —(Official)— Ditch—Until Sept. 27 by E. V. O'Brien, aud. Murray Co., building Judicial Ditch No. 19, involving 101,000 ft. 6- to 26-in. tile, cost, $44,542; Co. Ditch No. 6, 32,700 ft. 6- to 28-in. tile, $15,315.

Minn., Slayton —(Official)— Ditch—Until Sept. 28 by E. V. O'Brien, aud. Murray Co., building Judicial Ditch No. 24, Murray and Cottonwood Cos., involving 9985 ft. 6- to 18-in. tile. Cost, $3533; Co. Ditch No. 54, 25,800 ft. 6- to 18-in. tile, $6776.

Ont., Port Maitland — Dredging — Until Sept. 25, by R. C. Desrochers, secy. Bd. Pub. Wks., Ottawa, dredging Grand River Channel.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., New York**—(Official)—Dredging—City let contract dredging slips, foot 55th, 56th and 57th Sts. to Coastwise Dredging Co., 17 Battery Pl., $92,400. Noted Sept. 6.

★**Tenn., Trenton** — Canal — 4th Dist. Drainage Comn. let contract 17 mi. drainage canal, Gibson, Crockett and Madison Cos., to N. C. McGinnis & Co., Exch. Bldg., Memphis, $153,000.

★**Ia., Hampton** —(Official)— Drainage—Franklin Co. let contracts building drainage districts, (a) labor, (b) material as follows: Lehigh Sewer Pipe and Tile Co., Ft Dodge, D. D. No. 52, (a) $24,215; N. K Pederson, Coulter, (b) $10,480; Leheigh Clay Products Co., Leheigh, D. D. No. 54 (a) $12,487, No. 55, (a) $34,699; J. P Zander, Coulter No. 54, (b) $7211; A. A Hamrey, Forest City, No. 55, (b) $14,917; Hawkeye Constr. Co., Webster City, D. D No. 58, (a) $24,490; James Slattery, Dows, (b) $15,800. Noted Aug. 30.

★**Ia., Webster City**—Drainage—Hamilton and Webster Cos., Ft. Dodge, let contract tile for joint drain No. 204-248 to Natl. Sewer Pipe Co., Webster City, $10,138; labor to H. A. Tegat, $5995.

★**Minn., Walker** — (Official) — Ditch — Comrs. Cass Co. let contract Judicial Ditch No. 6, requiring 70,234 cu.yd. excavation on main ditch 18,724 cu.yd. on laterals, culverts, bridges, etc., to Road Constr. Co., Grand Rapids, Wis., 11.95c. per cu.yd. Noted Sept. 6.

INDUSTRIAL WORKS

Proposed Work

Mass., Boston—Coleman & Gilbert, 351 Huntington Ave., plan 3-story, 91 x 110-ft. brick and concrete garage, Boylston and Ipswich Sts. About $150,000.

R. I., Providence — Packard Motor Car Co., 189 Auburn St., rejected bids, 2-story, 189 x 200-ft. garage and salesroom. About $175,000. Albert Kahn and Ernest Wilby, 58 West Lafayette Blvd. Detroit, Mich., archts.

N. Y., Dunkirk—Atlas Crucible Steel Co. plans rolling mill, machine shop, storeroom, transformer station, laboratory, time office and other additions.

N. Y., New York—Falkenau & Hamershlag, Inc., 51 East 42nd St., had plans prepared by S. Katz, 405 Lexington Ave., for 2-story, 100 x 149-ft. brick garage and store. About $110,000.

N. Y., S. I., Clifton—Pouch Terminal Co., Clifton, had plans prepared by Concrete Steel Co., 42 Bway., New York City, for 7-story factory.

Pa., Phila.—American Ice Co., 6th St., plans 2-story ice-manufacturing plant, 10th and Callowhill Sts. About $250,000.

Pa., Phila.—Crew-Levick Co., Land Title Bldg., plans 1-story, 72 x 72-ft. dry house; 1-story, 45 x 70-ft. workhouse, 2-story, 72 x 96-ft. cooper shop; 2-story, 30 x 72-ft. pump and tank house and 2-story, 70 x 325-ft. paint shop on Pettys Island, Delaware River.

Industrial Works (Continued)

Pa., Phila.—T. Cusack & Co., 18th and Nobble Sts., having plans prepared by M. H. Dickinson, archt., Empire Bldg., 1- and 2-story, 80x200-ft. factory.

Pa., Pittsburgh—D. Kellerman, Pile St., plans 3-story brick warehouse. About $70,000.

Del., Wilmington—Wilmington & Philadelphia Traction Co., 7th and Orange Sts., plans 1-story, 54 x 64-ft. rein.-con. addition to plant at 18th and Buena Vista Sts. About $55,000.

Ky., Pineville—Detroit Elk Co. plans portland cement plant. About $1,000,000. C. C. Winters, Mancourt-Winters Coal Co., Dime Bank Bldg., Detroit, interested.

O., Akron—L. G. Federman, 86 South Main St., had plans prepared by Fichter & Brooker, archts., 2nd Natl. Bank Bldg., for 4-story, 39 x 92-ft. warehouse, 44 South Summit St.

O., Akron — Northern Ohio Traction & Light Co., Hamilton Bldg., soon lets contract boiler house, warehouse, meter laboratory and club house. Franz Warner, 718 Hippodrome Annex Bldg., Cleveland, archt.

O., Akron—Williams Fdry. & Machine Co., 60 Cherry St., plans 5-story, 50x275-ft. addition.

O., Cleveland—City Council plans to issue $3,300,000 bonds for ice plant, building improvements, at Warrensville Farm, park extension and improvements to high level bridge.

O., Cleveland — National Lamp Works, 1131 East 152nd St., had plans prepared by G. H. Johnson, Citizens Bldg., for warehouse and factory. About $160,000.

O., Dayton—Cooper Medicine Co., 309 East 1st St., had plans prepared for 5-story, 50x196-ft. factory. About $175,000. Pretzinger & Musselman, 1155 Riebold Bldg., archts., will receive bids.

O., Sandusky—Lake Erie Dry Dock & Eng. Co., incorporated with $1,600,000 capital stock, plans factory here. C. Bright, 299 Bway., New York City, and others, interested.

Mich., Grand Rapids—E. B. Hayes Axle Co., 571 High St., Oshkosh, Wis., plans 100x400-ft. factory near Fuller Sta. About $100,000.

Mich., Muskegon—People's Mill Co. plans to rebuild plant recently destroyed by fire with loss of $150,000. M. Frost, pres.

Wis., Green Bay—Oneida Motor Truck Co. plans 2-story, 125x475 ft. brick and steel factory. About $55,000. Foeller & Schober, 123 North Washington St., archts.

Wis., Milwaukee—American Autobody Co., 531 Caswell Blk., plans 4-story, 200x300-ft. rein.-con. factory. About $80,000.

Wis., Milwaukee—Weyenberg Shoe Co., Hubbard St. and Reservoir Ave., plans 7-story, 50 x 200-ft. addition and 24 x 60-ft. wing. H. J. Esser, Camp Bldg., engr.

Wis., Sheboygan—Northern Furniture Co., South Waten and North Jersey Sts., plans 6-story, concrete addition to factory. About $75,000.

Ia., Dubuque—Sterns Tire & Tube Co. of Iowa plans 2-story, 100 x 150-ft. rubber factory. About $80,000.

Ia., Waterloo—Union Mills having plans prepared by M. B. Cleveland, archt., 1st Natl. Bank Bldg., brick and rein.-con. warehouse and grain-drying plant. About $100,000.

Minn., Minneapolis—Albert Lea Sprayer Co., 309 West Main St., plans 5-story, 54x110-ft. factory.

Minn., Minneapolis—Foster Robe & Tanning Co. plans 3-story, 42 x 35 ft. tannery and fur factory. About $55,000.

Minn., Minneapolis—B. F. Nelson Mfg. Co., 501 N. E. East St., plans 3-story, 38 x 46-ft. brick and rein.-con. paper mill. About $50,000.

Minn., Minneapolis—Republic Creosoting Co., 822 Plymouth Bldg., plans 3-story, 100 x 150-ft. rein.-con. and brick factory, power house and office. About $70,000.

Mo., St. Louis — Montesano Chemical Works, 1800 South 2nd St., St. Louis, plans new plant. About $750,000.

Idaho, Idaho Falls—East Idaho Gas Co. plans initial expenditure of $60,000 and ultimate expenditure of $125,000 for gas plant here. W. D. Wilcox, pres.

Cal., Bay Point—Pacific Coast Shipbuilding Co., 175 Stewart St., San Francisco, recently organized, plans steel shipbuilding plant near Bay Point. About $1,500,000. H. T. Scott, mgr.

Ont., Markham—Canada Cereal Co. receives bids about Mar. 15 for flour mill. About $100,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., South Boston**—(Boston P. O.)—Boston Wharf Co., 259 Summer St., let contract 6-story, 90 x 128-ft. brick warehouse on Farnsworth St., to F. C. Alexander, 294 Washington St.

★**N. Y., Buffalo**—Ericson Mfg. Co., 1100 Military Rd., let coutract brick and steel addition to J. W. Cowper Co., Fidelity Bldg., $50,000.

★**N. Y., Syracuse**—Continental Can Co., 1016 East Water St., let contract factory, East Water St. and University Ave., to Thompson & Binger, Inc., 280 Madison Ave., New York City, $60,000.

★**N. J., East Orange**—Crocker Wheeler Co., Ampere, let contract addition to plant to American Concrete Steel Co., 27 Clinton St., Newark, $165,000.

★**Pa., Phila.** — Lanston Monotype Co., 25th and Locust Sts., let contract 5-story, 44 x 122-ft. plant to W. Steele & Sons, 1600 Arch St., $85,000. Noted Aug. 16.

★**Pa., Phila.**—West Phila. Stock Yards Co., Race and 13th Sts., let contract 3-story, 75x135-ft. fireproof factory to W. C. Doll & Co., Abbott Bldg., $138,000.

★**Pa., Phila**—T. Wharton, Graus St., let contract 1-story, 81 x 242-ft. factory and office building to Crowell-Lundoff-Little Constr. Co., 52nd and Grays Ave., Cleveland, $60,000.

★**O., Cleveland**—Lang Body Co., Garfield Bldg., let contract brick and steel factory and office, 3086 West 106th St. to Fath Constr. Co., 5103 Euclid Ave. About $75,000.

★**O., Cleveland** — Morgan Lithographing Co., St. Clair Ave., let contract 3-story factory, Payne Ave. and East 17th St., to Crowell-Lunduff-Little Constr. Co., 1951 East 57th St., $200,000. Noted Aug. 9.

O., Columbus—Bd. Trustees, State University, received low bid power plant to be built at University from E. H. Latham, Columbus Savings & Trust Bldg., $85,159.

★**O., Columbus**—Commercial Improv. Co., 3rd and Spring Sts., let contract 1- and 2-story fireproof garage and warehouse to E. Elford, 104 North 3rd St., $50,000.

★**O., Kent**—Mason Tire & Rubber Co. let contract 2-story, brick and concrete factory to A. A. Lane Constr. Co., 820 Columbia Bldg., Cleveland, $100,000. Noted Sept. 13.

★**Ill., Chicago**—Chicago & Northwestern R.R. let contract 1-story brick shops, 800 North Crawford Ave., to C. W. Gindell Co., 3333 South La Salle St. About $100,000.

★**Wis., Milwaukee** — International Harvester Co. of America, 606 South Michigan Ave., Chicago, let contract 80 x 240-ft. core building, 784 Park St., to Dahlman Constr. Co., 912 Majestic Bldg., Milwaukee, $100,000.

★**Ia., Cedar Rapids**—Quaker Oats Co. let contract, 6-story, brick and rein.-con. warehouse and storage tanks to Leonard Constr. Co., 332 South Michigan St., Chicago. About $125,000. Noted June 21.

★**Ia., Des Moines** — Hubbell Bldg. Co., Hubbell Bldg., let contract brick garage to A. H. Neuman, Hubbell Bldg. About $65,000.

★**Ia., Sioux City**—Lessenich Estate let contract, 3-story, brick and rein.-conc. automobile sales building, 5th and Pearl Sts., to B. E. Short, 420 Court St. About $65,943. Noted Sept. 6.

★**Minn., South St. Paul**—Armour & Co., 307 West South Water St., Chicago, let contract packing plant to Blome-Sinek Constr. Co., City Hall Sq. Bldg., $5,000,000.

★**N. B., St. John**—City let contract dock shed No. 5 to Kane & Ring, 85½ Prince William St., $50,000.

★**Ont., London** — Battle Creek Toasted Corn Flakes Co., Dundas St., let contract addition to plant to Archibald & Holmes, Excelsior Life Bldg., Toronto, $75,000.

★**Ont., Tillsonburg**—Maple Leaf Harvest Tool Co. let contract factory to A. E. Ponsford, 605 Talbot St., St. Thomas, $50,000.

BUILDINGS

Proposed Work

Mass., Ayer—Bathing Pavilion and Recreation Hall—Camp Devens Comn. on Training Camp Activity plans. About $50,000. G. A. Morrison, 201 Devonshire St., Boston, chn. Parker, Thomas & Rice, 110 State St., Boston, archts.

Mass., Cambridge—High and Latin School—Bd. Educ. plans addition and alteration. About $100,000. Newhall & Blevins, 9 Park St., Boston, archts.

Mass., Middleton—(Official)—Hospital—Essex Co. Comrs., Court House, Salem, will receive bids in November for 5 2-story buildings. J. H. Bickford 110 State St., Boston, archt. Noted Sept. 6.

Conn., Norwich—Ward—State Hospital for Insane plans, 3-story, 40 x 285 ft. About $130,000. T. E. Erdman, supt. Cudworth & Thompson, Thayer Bldg., archts.

Conn., South Norwalk—School—Bd. Educ. had plans prepared by W. H. Beers, archt., 17 Madison Ave., New York City, 2-story, 50 x 100 ft. About $50,000.

N. Y., Buffalo—Y. M. C. A. plans 4-story, 105 x 182-ft. building, Auburn Ave. and Grand St. About $250,000. W. E. Holler, secy.

N. Y., New York—Store and Theater—S. Bloom plans, brick and terra cotta, 215-223 West 42nd St. P. R. Pereira and E. De Rosa, 150 Nassau St., archts.

N. Y., New York—Theater and Office—J. J. Schubert, 225 West 44th St., had plans prepared by H. J. Knapp, archt., 116 East 16th St. About $50,000. Noted Aug. 30.

N. Y., Rochester—Church and Parish House—Lutheran Congregation of the Redeemer plans, 2-story. About $90,000. A. A. Ritcher, 31 North 6th St., Reading, Pa., archt.

N. Y., Syracuse—Theater, Store and Office—Keith & Albee, 1564 Bway., New York City, plan, 10-story, 118 x 147 ft. and 72 x 120 ft. About $500,000. W. T. Lamb, 644 8th Ave., New York City, soon receives bids.

N. J., Red Bank—School—Bd. Educ. plans 2-story. About $60,000. F. M. Truex, 1170 Bway., New York City, archt.

N. J., Woodbury — School — State Bd. Educ. plans to build State Normal School, Gloucester Co. About $500,000. F. H. Bent, Trenton, state archt.

Pa., Fairview—Wards, Etc.—State Commission for Treatment of Criminal Insane soon receives bids wards and connecting corridors at hospital. About $80,000. J. M. Shirk, 421 Chestnut St., Phila., archt. Noted July 26.

Pa., Lebanon—High School—City School Dist. to sell $250,000 bonds Oct. 1st, to build high school.

Pa., McKeesport—Clubhouse—Y. M. C. A. acquired Dunshee property, Ringgold and Sinclair Sts., and plans to build. About $300,000.

Pa., Pittsburgh—Church—Fourth Methodist Protestant Congregation had plans prepared, Frankstown Ave. and Bennett St. About $100,000. C. M. Lippincott, pastor.

Pa., Uniontown—Memorial—Grand Jury plans Soldiers' and Sailors' Memorial. About $150,000.

W. Va., Huntington—Bank and Office—Union Bank & Trust Co. plans, 10-story, rein.-con., 4th Ave. and 9th St. About $100,000 to $200,000. A. F. Dickey, Huntington, arch.

O., Akron—School—Bd. Educ. lets contract about Oct. 20 for addition. About $90,000. T. R. Rodley, Cottage Pl., archt.

O., Cleveland—Auditorium and Convention Hall—City having plans prepared, 1-story, 270x430-ft. About $2,500,000. F. A. Betz, city archt. Walker & Weeks, 1900 Euclid Bldg., cons. archts.

O., Cleveland — Bathhouse — City having plans prepared, to be built in Gordon Park. About $350,000. A. Betz, city archt.

O., Cleveland—Market—J. P. Stotter Co., Leader-News Bldg., had plans prepared by S. H. Weis, archt., 1032 Schofield Bldg., 2-story, 100 x 200 ft., Clifton Blvd. and West 117th St. About $125,000.

O., Cleveland—School—Bd. Educ. plans addition to Jennings School, North hill. About $150,000.

O., Cleveland — School — Hebrew School and Institute, 2500 East 55th St., plans new school. About $100,000. D. Gara, chmn.

O., Cleveland—Shelter and Refreshment—City plans, Wade Park, on Euclid Ave. About $60,000. F. H. Betz, 604 City Hall, city archt.

O., Columbus—Y. M. C. A. had plans prepared building at Spring and 5th Sts. About $100,000. J. W. Pontius, gen. secy.

Buildings (Continued)

O., Deshler—Grade and High School—Bd. Educ. plans, 2-story, 70 x 117 ft. About $60,000. C. W. Beelman, 812 2nd Natl. Bank Bldg., Toledo, archt.

O., East Cleveland—(Cleveland P. O.)—Hospital—Village sold $200,000 bonds for 3-story, steel, concrete and stone. C. Ammerman, Williamson Bldg., clk. W. Hirsh, 1392 Swetland Bldg., archt.

O., Ironton—Hotel Auditorium and Store—Ironton Hotel Co., c/o A. H. Harting, had plans prepared by Howard & Merriam, archts., Citizens Bank Bldg., Columbus, 5-story, 132x132-ft. About $125,000.

Mich., Detroit—Schools—Bd. Educ. plans additions to following schools: Russel, $160,000; Greusel, $120,000; Stephens, $100,000; Columbian, $160,000; Hely, $50,000; School for Crippled Children, Russell and Catherine Sts., $100,000.

Mich., Port Huron—Armory—Chamber of Commerce plans. About $60,000.

Ill., Abington—School—Bd. Educ. soon lets contract, 2-story. About $50,000. M. S. Martin, Hannibal Bldg., archt.

Ill., Chicago—Hospital—Illinois Steel Co. plans, 1-story, at South Works. About $100,000. E. J. Buffington, 208 South La Salle St., pres. Schmid, Garden & Martin, archts., 104 South Michigan Ave., soon receives bids.

Ill., Chicago—Hospital—West End Hospital plans, 4-story, 34 x 50 ft. About $50,000. B. H. Breakstone, 30 North Michigan Ave., supt. D. Saul Klafter, archt., 64 West Randolph St., soon receives bids.

Ill., Chicago—Theater, Store and Office—Peoples Theater Co., 4717 South Ashland Ave., plans, 2-story. About $250,000. C. W. & G. L. Rapp, archts., 69 West Washington St., soon receive bids.

Wis., Milwaukee — Church — Evangelical Lutheran Bethany Congregation plans, 68 x 100-ft. brick. About $50,000.

Wis., Wausau—School—Bd. Educ. plans, 2-story, 197 x 200-ft. addition to Longfellow grade school. About $50,000. Harvey Swarthout, 214 3rd St., archt.

Ia., Dubuque—Auditorium and Gymnasium—Sisters of Charity, B. V. M., 1018-26 South Seeley Ave., plan. About $75,000.

Ia., Earlham—School—Bd. Educ. plans, 2-story. About $125,000. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., Des Moines, archts.

Ia., Sioux City—Hospital—Samaritan Hospital Assn., c/o W. P. Manley, chn., having plans prepared by Beuttler & Arnold, archts., 609 Security Bldg., 3-story, brick, rein.-con. and steel. About $200,000.

Ia., Spirit Lake—Hotel and Administration—Knight Templars of Iowa, c/o C. Huttenlocke, pres. bldg. com., Des Moines, and D. L. Clark, Newton, having plans prepared by C. A. Dieman & Co., archts., 408 Granby Bldg., Cedar Rapids, 3-story, 32x360-ft., stucco and rein.-con. About $80,000.

Ia., Waverly—Dormitory and Administration—Evangelical Lutheran Synod of Iowa plans addition to Wartburg Seminary. About $100,000.

Minn., Anoka—Chapel and Assembly—State Bd. Control had plans prepared by C. H. Johnston, archt., 715 Capital Bank Bldg., St. Paul, 2-story, 50 x 120 ft., as addition to State Asylum. About $75,000.

Minn., Duluth — Office — Interstate Express & Transfer Co., 206 Alworth Bldg., plans 50 x 100-ft. About $50,000.

Kan., Lawrence—Liberal Arts—State University soon lets contract, 4-story, terra cotta and rein.-con. About $225,000. C. H. Chandler, State House, Topeka, archt.

Kan., Pittsburg—Normal School—State plans, 3-story, brick, terra cotta, stone and rein.-con. About $200,000. C. H. Chandler, State House, Topeka, archt.

N. D., Bismarck—Historical Museum—North Dakota Historical Society Bldg. Assn. plans. About $50,000. Curator Gilmore, State Historical Museum, interested.

Mont., Billings—Hotel—Billings Brewing Co. soon lets contract, 3-story, Montana Ave. and 24th St. About $50,000.

Mont., Helena — Dormitory — Montana Weslevan University plans girls' dormitory. About $50,000.

Mo., St. Louis—Hotel—Federal Hotel Co. plans, 8th and Locust St. About $200,000.

Mo., St. Louis—Temple—Masonic Lodge plans. About $500,000.

Tex., Waco—Hotel—T. G. Dockery, 1627 North 5th St., having plans prepared by R. E. Lane, archt., Providence Bldg., 4-story, 70 x 105-ft. About $60,000.

Utah, Beaver — (Official) — Beaver Co. election Sept. 25 to vote on $125,000 bonds to build schools. Nelson & Ashworth, archts., F. & M. Bank Bldg., Provo City, soon receives bids. Noted Aug. 30.

Wash., Olympia—High School—Bd. Educ. having plans prepared by Heath & Gove, archts., National Realty Bldg., Tacoma, and J. Wohleb, archt., Talcott Bldg., 3-story, 12th and 13th Sts. About $100,000.

Wash., Tacoma—High School—Bd. Educ. having plans prepared by Heath & Gove, archts., Natl. Realty Bldg., and J. Wohleb, Talcott Bldg., Olympia. About $100,000.

Ore., Portland — Office — Failing Estate, 5th and Alder St., having plans prepared by Whidden & Lewis, archts., Wilcox Bldg., for alterations. About $200,000.

Cal., Los Angeles—Bank and Office—J. Benton Van Nuys having plans prepared by Morgan, Walls & Morgan, archts., Van Nuys Bldg., 8-story, 60 x 155-ft. rein.-con. brick and terra cotta, between 7th and 8th Sts.

Cal., Los Angeles—Office—A. B. Cohn, 219 South Main St., had plans prepared by W. S. Garrett, archt., Currier Bldg., 13-story, 50x58-ft., rein.-con., 940 South B'way.

Cal., Sacramento — Temple — Masonic Temple Assn. plans, 3-story, steel and concrete, 12th and J Sts. About $297,887.

Cal., San Diego—City Hall—City plans to build. H. Albright, San Diego, archt.

BIDS DESIRED

N. Y., Castleton—High School—Until Oct. 2, by Bd. Educ., 2-story, 42 x 100 ft. About $50,000. Loth & White, 130 State St., Albany, archts.

Ga., Savannah—School—Until Oct. 5, by A. Dorsey, gov., State Capitol, for negro agricultural, industrial and normal school.

Ind., Lafayette — Hospital — (Official)—Until Oct. 10, by R. E. Schmidt, Garden & Martin, archts., 104 South Michigan Ave., 4-story, rein.-con. About $100,000. Noted Sept. 6.

S. D., Eden — (Official) — Church—Until Sept. 30, by Roman Congregation, 1- and 2-story, 50 x 140-ft. and 32 x 34-ft. church and parish house. About $70,000. W. Eckle, pastor. A. Dohman, 1st Natl. Bank Bldg., archt. Noted Aug. 30.

Cal., San Francisco—(Official)—Hotel—Until Oct. 1, by Smith & Stewart, archts., Claus Spreckels Bldg., building 7-story rein.-con. addition to Ramona Hotel, Ellis St. About $60,000. Noted Aug. 30.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Portland**—Theater—Nickel Amusement Co., 565 Congress St., let contract 2-story, 129 x 132-ft., brick and steel, to Forgione & Romano, Fidelity Bldg., $100,000. Noted Aug. 23.

★**Mass., Mattapan**—Nurses' Home—Boston State Hospital let contract, 3-story, Harvard St., to R. D. Kimball Co., 6 Beacon St., Boston. $70,000. Noted Aug. 9.

Mass., Springfield—School—Bd. Educ. received low bid, Washington and Woodlawn Sts., from L. S. Wood, 14 Stockbridge St., Springfield. About $150,000.

★**N. Y., Albany**—Church—First Congregational Church let contract, 1½-story, 65 x 96 ft., to Wm. Sayles & Son, 266 Hudson Ave. About $60,000.

N. Y., Albany—Laboratory—H. M. Biggs, comr. state health dept., received low bids, from Feeney & Sheehan Bldg. Co., 164 Montgomery St. About $127,000. Noted Aug. 23.

★**N. Y., Brooklyn** — Office — New York Dock Co., 44 Whitehall St., New York City, let contract, 3-story rein.-con. Freeman and Joralemon Sts. to Turner Constr. Co., 242 Madison Ave., New York City.

★**N. Y., New York**—Medical School—Columbia University, c/o N. M. Butler, 116th St. and Bway., let contract, 7-story, 49 x 358 ft., brick, to L. P. Fluhrer, 200 West 42nd St. About $50,000.

★**N. Y., Rochester**—Junior High School—Bd. Educ. let contract, 3-story, 226 x 34-ft., to Goosline & Swan Constr. Co., Powers Blk. Noted Aug. 23.

★**Pa., Phila.**—Freight House—Phila. & Reading R.R. let contract 1-story, brick and steel, Noble St., to A. L. Carhart, Trade Bldg., $50,000.

★**Pa., Phila.**—Hospital—Osteopathic Hospital let contract alteration and addition, 19th and Spring Gardens, to J. N. Cox & Co., Otis Bldg., $60,000.

★**Miss., Jackson**—Schools—Bd. Trustees let contract for 4 of 66 buildings to be built at Mississippi Training and Industrial School, to Dabbs & Wetmore, 220 2nd St., Meridian, $55,000.

★**O., Cleveland** — Freight Terminal — Cleveland & Youngstown R.R. let contract, Orange Ave. and East 12th St., to Walsh Constr. Co., Citizens Bldg., $675,000.

O., Lakewood—High School—Bd. Educ. received low bid, 3-story addition, from Crump Eng. Co., Leader-News Bldg., Cleveland, $500,000. Noted July 19.

★**Ill., Chicago**—Hotel—S. T. Cooper, 111 West Washington St., let contract, 6-story, 4647-59 Drexel Ave., to Erickson Johnson & Co., 139 North Clark St., $450,000.

★**Ill., Collinsville**—Miners Institute—Institute Com. let contract to H. Eberhardt, Collinsville, $77,439.

★**Ia., Mingo**—School—Bd. Educ. let contract, 2-story, 60 x 90 ft., brick, to W. F. Kucharo & Co., 319 Market Ave., S., Des Moines. About $50,000. Noted Aug. 16.

★**Ia., Newton**—School—Bd. Educ. let contract to P. R. Wells, Mason City, $85,000.

★**Ia., Sergeant Bluff**—School—Bd. Educ. let contract, 2-story, brick and rein.-con., to Dubel & Anderson, 514 Jackson St., Sioux City. About $75,000.

★**Ia., Sioux City**—Store—S. S. Kresge Co. let contract, 3-story, 40x45-ft., to Oberg-Pederson Co., 611 5th St., $150,000.

★**Minn., Grand Rapids**—Hospital—Itasca Co. let contract tuberculosis hospital to Everson & Utterberg, St. Paul, $50,000. Noted Apr. 12.

★**Neb., Omaha** — Theater and Store—Blank Realty Co., Des Moines, let contract, rebuilding, 2-story, 132 x 132 ft., to Calvin Zeigler, 904 South 25th Ave. About $150,000.

★**Neb., York**—High School—Bd. Educ. let contract to Olson & Johnson, 508 Montana Bldg., Missoula, Mont., $147,000.

★**S. D., Vermillion**—Women's Dormitory—South Dakota University let contract, 3-story, to N. Nelson, Stillwater, Minn., $115,000. Noted Aug. 9.

★**Mont., Great Falls**—High School—Bd. Educ. let contract junior high school to Rude & Searless, 337 Ford Bldg., $137,880. Noted June 7.

★**Okla., Tulsa**—Y. W. C. A. let contract 4-story, 90x136-ft., brick, terra cotta and rein.-con. building to Universal Constr. Co., 16 Ault-Kirkpatrick Bldg., $150,000. Noted Aug. 16.

★**Wash., Spokane**—Theater—A. Pantages let contract, rein.-con. and steel, to E. B. Newcomb, Pantages Bldg., Seattle, $150,000.

★**Cal., Bakersfield**—Office—J. A. Jastro let contract 2-story, 55x88-ft., hollow-tile, to Curre & Dulgar, Bakersfield, $83,453.

★**Cal., Coalinga**—High School—Bd. Educ. let contract to Oachen Bros., Coalinga, $80,749.

★**Cal., Modesto**—High School—Bd. Educ. Modesto Union High School Dist. let contract to E. E. Etherton, 502 Monadnock Bldg., San Francisco. About $136,750. Noted Aug. 2.

★**Cal., Sacramento** — Temple — Masonic Temple Assn. let contract, steel and rein.-con., to Mathews Constr. Co., Forum Bldg. About $297,887.

★**N. S., Sydney**—School—Bd. Educ. let contract, brick, Argyle St., to Chappell Bros. & Co., Ltd., 62 Brookland St., $53,000.

★**Man., Emerson**—Court House—City let contract, brick and stone, to Gray & Davidson, 621 Wall St., Winnipeg. About $50,000.

FEDERAL GOVERNMENT WORK

Proposed Work

N. Y., New York—Dredging—U. S. Engr., Room 710, Army Bldg., 39 Whitehall St.,

Federal Government Work (Continued)

rejected bids opened June 14, dredging Hudson River Channel, New York Harbor, as too high. Noted June 7.

N. Y., New York—Dredging—U. S. Engr., 39 Whitehall St., New York, rejected bids opened June 23, dredging Passaic River, N. J.

Pa., Franklin—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., rejected bids opened Aug. 30. Noted Sept. 6.

Pa., McKees Rocks—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., rejected bids opened Sept. 4. Work will be readvertised. Noted Sept. 13.

Pa., Phila.—Quarters for Radio Operators—Bureau Yards and Docks, (F. R. Harris, ch.), Navy Dept., Wash., rejected bids opened Aug. 20. Noted Aug. 30.

Pa., Pittsburgh—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., rejected bids for remodeling and extension. Noted Aug. 30.

Del., Wilmington—Dredging—U. S. Engr., Old Federal Bldg., Wilmington, rejected bids opened June 4, dredging Murderkill and Mispillion Rivers. Noted May 17.

S. C., Port Royal — Buildings — Bureau Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., rejected bids opened Aug. 30. Noted Aug. 9.

Ia., Cherokee—Post Office—J. A. Wetmore superv. archt., treas. dept., Wash., rejected bids opened Aug. 22, as too high. Noted Aug. 30.

Tex., Galveston—Earthwork—U. S. Engr. Office, Galveston, rejected bids furnishing and placing fill, soil, sod and riprap at U. S. Reservation, Ft. Crockett. Noted May 31.

BIDS DESIRED

N. Y., Waterloo—Post Office—Until Oct. 28, by J. A. Wetmore, superv. archt., treas. dept., Wash.

Pa., Phila.—Dispensary—Until Oct. 1, by Bureau Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., building, at Navy Yard.

Wash., D. C.—Buildings—Until Sept. 25, by E. P. Bertholf, Capt. Commandant, U. S. Coast Guard, Wash., constructing new buildings and accessories. Coast Guard Sta. No. 166, Wash Woods, N. C.

Wash., D. C.—Hydraulic Pumps—Until Oct. 1, by Bureau Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., furnishing 4 motor-driven hydraulic pumps and 2 accumulators.

Ala., Andalusia—Post Office—Until Oct. 23, by J. A. Wetmore, superv. archt., treas. dept., Wash.

La., New Orleans—Electric Traveling Crane—Until Sept. 24, by Bureau Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., furnishing in machine shop.

Tenn., Memphis—Levee Work—Until Sept. 29, by Mississippi River Comn., 1st and 2nd Dists., building 1,870,000 cu.yd. earthwork, Upper St. Francis Levee Dist.; advertised in this issue.

Tenn., Memphis—(Official)—Machinery—Until Sept. 26, by Mississippi River Comn., 1st and 2nd Dists., furnishing boiler feed pump, etc.; advertised in this issue.

Ill., Mt. Carmel—Post Office—Until Oct. 26, by J. A. Wetmore, superv. archt., treas. dept., Wash.

Tex., El Paso—Laterals—Until Oct. 15, by U. S. Rec. Ser., El Paso, building laterals, Rio Grande Project. A. P. Davis, ch. engr.; advertised in this issue.

Tex., Galveston—Rip Rap—Until Oct. 2, by U. S. Engr. Office, Galveston, furnishing and delivering rip rap at Port Aransas or Rockport, Tex.; advertised in this issue.

Cal., Bakersfield—Post Office—Until Oct. 24, by J. A. Wetmore, superv. archt., treas. dept., Wash.; advertised in this issue.

Cal., San Francisco—Wharf—Until Oct. 2, by J. A. Wetmore, superv. archt., treas. dept., Wash., building west wing of wharf, Quarantine Sta., Angel Island.

H. T., Kauhua—Mine Storage Building—Until Oct. 1, by Bureau Yards and Docks (F. R. Harris, ch.) Navy Dept., Wash., D. C., steel and frame.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Conn., New London—Power Plant Equipment—Bureau Yards and Docks, Navy Dept., Wash., received low bids from Edgemore Iron Co., Edgemore, Del., $95,308; General Electric Co., River Rd., Schenectady, N. Y., $63,200 and $94,800; Babcock & Wilcox, North American Bldg., Phila., $69,511 for boilers only.

Conn., New London—Submarine Base, Dredging, etc.—Bureau Yards and Docks, (F. R. Harris, ch.), Navy Dept. Wash., received low bids building submarine base, dredging and removing piers and bulkhead, (a) price per cu.yd., (b) removing coal pier, etc., from T. A. Scott Co., Inc., 292 Pequot Ave., (a) 495c. (b) $19,700, 180 days; J. S. Packard Dredging Co., 1004 Turks Head Bldg., Providence, (a) 53c. (b) $23,900, 160 days; Morris & Cumings, 17 State St., New York City, (a) $1.30, 170 days, (b) $69,000, 90 days. Noted Aug. 30.

N. Y., Long Island City—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids (a) limestone, (b) sandstone, from P. J. Carlin Constr. Co., Dauers Pk., Brooklyn, (a) $198,800, (b) $200,800; E. Diebitsch, 383 Madison Ave., New York City, (a) $210,000; C. A. Cowen Co., 30 East 42nd St., New York City, (a) $227,500, (b) $228,000. Noted Aug. 9.

★N. Y., New York—Storage Buildings—Bureau Yards and Docks, Navy Dept., Wash., let contract building 2 storage buildings to Degnon Constr. Co., 68 Hunters Pt. Ave., Long Island City. $400,000.

★N. J., Lake Denmark — Sub-surface Magazine Building—Bureau Yards and Docks, (F. R. Harris, ch.), Navy Dept., Wash., let contract to Jobson-Gifford Co., 30 East 42nd St., New York City, $25,250.

★Pa., Harrisburg—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract extension to post office to A. Wildman, 2206 North 3rd St., $58,200. Noted Sept. 6.

Pa., McKees Rocks—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids, Sept. 4, from C. S. Smith, 5501 Centre St., Pittsburgh, $62,500; W. H. Fissell & Co., 1328 Bway., New York City, $72,497. Noted Aug. 2.

★Pa., Phila.—Extension to Quarter Masters Depot—Bureau Yards and Docks, Navy Dept., Wash., let contract to Cramp & Co., Denckla Blk., $224,700. Noted Sept. 13.

★Pa., Phila.—Heating System — Bureau Yards and Docks, Navy Dept., Wash., let contract heating system for machine and electrical shop, Navy Yard, to Mathis Bros. Co., Archer Ave. and Canal St., Chicago, $33,892. Noted Sept. 6.

★Pa., Phila.—Storehouse—Bureau Yards and Docks, Navy Dept., Wash., let contract to Cramp & Co., Denckla Bldg., $399,500.

Md., Annapolis—Dredging—Bureau Yards and Docks, Navy Dept., Wash., received low bids dredging at Naval Academy, from Maryland Dredging & Constr. Co., Fidelity Bldg., Baltimore, 35c. per cu.yd., 30 days; Dorsey & Miller Co., 420 Equitable Bldg., Baltimore, 45c. 75 days.

Wash., D. C.—Air Compressors—Bureau Yards and Docks, Navy Dept., received low bids furnishing at naval base at New London, Conn., and Charleston, S. C., from Ingersoll & Rand Co., 11 Bway., New York City, $10,242; Carroll Electric Co., 714 12th St., $14,050.

Wash., D. C.—Cement Walks—Comrs. received low bids building cement sidewalks, (a) 40,000 sq.yd. city walks, (b) 30,000 sq.yd. suburban walk, from W. F. Brenizer, 1777 Columbia Rd., (a) $1.53 per sq.yd., (b) $1.71; Cranford Paving Co., 2620 E St., (a) $1.61; (b) $1.79.

Wash., D. C.—Extension to Tool and Miscellaneous Shop—Bureau Yards and Docks received low bids (a) work complete, (b) alternate, from M. A. Weller Co., Inc., 816 14th Ave., (a) $18,992, (b) $19,692; Richardson & Burgess Co., Inc., Colorado Bldg., (a) $22,300, (b) $22,000; W. E. Mooney, Evans Bldg., (a) $28,164, (b) $28,514.

Wash., D. C.—Motor-Generator Sets and Accessories—Bureau Yards and Docks, Navy Dept., received low bids furnishing at Navy Yards (a) Phila., (b) Boston, (c) Mare Island., Vallejo P. O., Cal., (d) naval base, San Pedro, Cal., from Westinghouse Electric & Mfg. Co., 165 Bway., New York City, (a) $27,500 (b) $27,500, (c) $32,000, (d) $47,000; Allis-Chalmers Mfg. Co., West Allis, O., (a) $31,900, (b) $25,730, (c) $26,760, (d) $39,930; Ridgeway Dynamo & Eng. Co., Ridgeway, Pa., (a) $27,950, (b) $27,950, (c) $30,938, (d) $43,569.

Wash., D. C.—Naval Ammunition Depot—Bureau Yards and Docks, Navy Dept., received low bids building addition to Bldg. No. 13, St. Juliens Creek, Va., from Simmons, Hartenstein & Whitten Co., Charlotte, S. C., $10,209; Penn Bridge Co., York, Pa., $14,972.

★Va., Hampton—Garbage Incinerator—Bureau Yards and Docks, Navy Dept., Wash., let contract for garbage incinerator at Hampton Rds. to W. F. Klemp, Monadnock Blk., Chicago, $12,750.

★Va., Newport News—Warehouse—War Dept., N. D. Baker, Secy., let contract to J. G. White & Co., 43 Exchange Pl., New York City, $800,000.

Va., Norfolk—Distributing System—Bureau Yards and Docks, Navy Dept., Wash., received low bids (work complete), from Carroll Electric Co., 714 12th St., Wash., D. C., $365,217; H. E. Crook & Co., Inc., 28 Light St., Baltimore, $393,760; J. W. Danforth Co., 70 Ellicott Sq., Buffalo, $416,448.

★Va., Norfolk—Elevated Steel Tank and Tower—Bureau Yards and Docks, Navy Dept., Wash., let contract to Pittsburgh & Des Moines Steel Co., 806 Curry Bldg., Pittsburg, $16,830. Noted Sept. 6.

★S. C., Port Royal—Hospital Buildings—Bureau Yards and Docks, Wash., let contract temporary hospital buildings, at Paris Island, to McCraddy & Cheves, 4 Broad St., Charleston, cost plus 10%.

★Ga., Forsyth—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract to J. H. Wilder, Columbus Rd., Macon, $30,917. Noted Sept. 13.

★Ga., Washington—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract to W. J. Brent, 506 Bd. Trade Bldg., Norfolk, $39,876. Noted Sept. 13.

★Fla., Key West—Filling—Bureau Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., let contract to East Coast Ry. Co., Key West, $12,000.

★Ala., Montgomery—Cement—U. S. Engr. Office, Montgomery, let contract furnishing 14,000 bbl. American portland cement to W. R. Taylor & Co., Pensacola, $12,120. Noted May 17.

★La., Lake Charles—Aviation Camp—Constructing Officer, Aviation Sect., Army Signal Corps, rescinded contract let to Janse Bros., Bellecastle and Revin St., and Bommer, Crain & Howe, both of New Orleans, and relet same to Mason & Hanger, Richmond, $1,500,000 plus percentage. Noted Sept. 13.

★La., New Orleans—Emergency Building—Bureau Yards and Docks, Navy Dept. Wash., let contract, West End Park, to J. Thatcher & Son, 201 Hennen Bldg., $19,200.

★Tenn., Memphis—Levee Work—Mississippi River Comn. let contract earthwork, St. Francis Levee Dist., to H. B. Blanks, $178,100. Noted Sept. 13.

★Tenn., Memphis—Levee Work—Mississippi River Comn., U. S. Engr. Office, let contract levee work, Lower St. Francis and White River Dists., to Roach-Stansell-Lowrance Bros. Co, Savings Bank Bldg., $439,150 and $46,550 respectively. Noted Aug. 9.

★Mich., White River—Buildings and Launchway—E. P. Bertholf, capt. commandmant, U. S. Coast Guard, Wash., let contract moving, alterations, additions and repairs to station building and launchway at Coast Guard Sta. No. 268, to Johnson & Mysen, 41 Ranson St., Muskegon, $26,700. Noted Aug. 2.

★Kan., Eldorado—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract to Johnson Constr. Co., Fargo, N. D., $43,497. Noted Aug. 30.

★Ark., Rodgers—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract to C. Weitz & Son, 713 Mulberry St., Des Moines, Ia., $41,900. Noted Sept. 13.

★Tex., Dallas—Aviation Camps—Constructing Officer, Aviation Sect., Army Signal Corps, let contract to Hedrick Constr. Co., 405 Hughes Bldg., $750,000 plus percentage.

Federal Government Work (Continued)

★**Tex., Houston**—Aviation Camp—Bureau Yards and Docks, Navy Dept., Wash., let contract to American Constr. Co., 411 Gulf Bldg., $750,000 plus percentage.

★**Colo., Glenwood Springs**—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., let contract to C. Weitz & Sons, 713 Mulberry St., Des Moines, Ia., $76,200. Noted Sept. 6.

N. M., Raton—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids, from G. A. Shaul, Seneca, Kan., $54,195; W. O. Neil & Son, Faribault, Minn., $58,745; W. D. Lovell, 1415 Southeast 8th St., Minneapolis, $63,850. Noted Aug. 23.

Hawaii, Pearl Harbor—Storehouse—Bureau Yards and Docks, Navy Dept., Wash., received low bid (a) work complete, (b) deduct for one 16-ft. bay, from Hamilton Chambers Co., New York City, (a) $129,000, (b) deduct $10,000. Noted Aug. 30.

MISCELLANEOUS

Proposed Work

Stadium—New York, N. Y. — Trustees New York City College plans, 136th St. and Amsterdam Ave. About $12,000.

Transmission Line — Johnstown, Pa. — Penn Central Electric Co., Johnstown, plans to build line to Carrollton.

Subway—Phila., Pa.—Smith Hauser & MacIsaac, Inc., 18 East 41st St., New York City, recently awarded Contr. No. 202, totaling $2,250,000, and Phila. Subway Constr. Co., 712 Lincoln Bldg., Contr. No. 104, totaling $2,900,000, have refused to accept same. The work will be readvertised and split up into small parts. Keystone State Constr. Co., 704-9 Penn. Bldg., has accepted its contracts, amounting to about $10,200,000. Noted Aug. 2.

Bulkhead—Annapolis, Md.—City soon let contract High and Dock St. G. Vansant, engr.

Floating Dry Dock—Charleston, S. C.—Valk & Murdock Co. plans to build, 440 ft. long. About $300,000. Address H. Calhoun.

Wharf—Mobile, Ala.—Louisville & Nashville R.R. plans to build 404 ft. long, 2 units, continuous bucket conveyor type, delivery chutes capable of 36-ft. vertical adjustment, 25-ft. horizontal sway. W. H. Courtenay, Louisville, Ky., ch. engr.

Park—O., Cleveland — See "Industrial Works."

Diking—Omaha, Neb.—Douglas Co. plans to dike Elkhorn River.

Tunnel, Incinerator, Etc.—St. Louis, Mo.—City postponed election to vote on $18,840,000 bond issue; $6,650,000 to be used for building tunnel under River des Peres; $250,000 for garbage plants; $100,000 street material; $1,000,000 southern approaches to free bridge; $500,000 streets and viaducts; $150,000 Koch Hospital extension and other municipal improvements. E. R. Kinsey, pres. bd. pub. ser. Noted Feb. 15.

Pipe Line—Damon Mound, Tex.—Rio Bravo Oil Co., subsidiary of Southern Pacific Lines, Southern Pacific Bldg., Houston, plans to lay 11 mi. 6-in. pipe line from Damon Mound to Pledger and will also install railroad loading racks at Pledger.

Lake—Ennis, Tex.—City soon lets contract enlarging lake, work involves 20,000-cu.yd. excava.

Drydock—Galveston, Tex.—J. P. McDonough, of McDonough Iron Works, plans to build drydock. About $500,000.

Diking — Kalama, Wash. — Cowlitz Co. approved plans diking Improv. Dist. No. 5 to protect 7000 acres. G. J. Poysky, engr.

Seawall, etc. — Long Bach, Cal. — City Council plans to build combined rein.-con. sea wall, sidewalk, center wall, end walls, steps, lighting standards, sheridized conduits and vitr. pipe sewers on Seaside Blvd. A. De Ring, city engr.

Harbor Improvements—Newport Beach, Cal.—City plans election to vote on $50,000 bonds to improve harbor from East Newport to 24th St. also for dredging at mouth.

River Improvements—Ottawa, Ont.—Dominion Government appropriated $12,500 for diversion of Little Pembina River into Pelican Lake. R. C. Desrochers, secy. dept. pub. wks.

Harbor Improvements—Port Hope, Ont.—Dominion Government appropriated $13,500 for harbor improvements.

River Improvements, Etc. — Revelstoke, B. C.—Dominion Government appropriated $134,000 for Fraser River improvements; $100,000 dredging north arm Fraser River; $20,000 for extension of wing dam.

BIDS DESIRED

Elevated Railway—Brooklyn, N. Y.—Until Oct. 8, by New York Municipal Railway Corp., building 3rd rail and appurtenances on Culver Line. Address Ch. Engr., 85 Clinton St.

Station Finish—Brooklyn, N. Y.—Until Sept. 26, by Pub. Ser. Comn., 120 Bway., New York City, station finish for 11 stations on Culver Rapid Transit R.R. and certain other work at Bay Pkway. Sta. of Bway.-4th Ave. subway.

Garbage Incinerator—Sharon, Pa.—(Official)—Until Oct. 2, by C. B. Lartz, boro. secy., building odorless garbage incinerating plant.

Pier—Manhattan Beach, Cal.—(Official)—Until Oct. 17, by City, building rein.-con. pier. About $70,000. M. M. Murray, city engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Shaft—New York, N. Y. — Pub. Ser. Comn., 120 Bway., received low bids building shaft No. 2, Route No. 26, part of Queensboro Subway Rapid Transit Ry., from I. J. Stander Co., 118 East 28th St., $65,000; Subway Contg. Co., 165 Bway., $90,185; J. O'Leary, 411 East 42nd St., $123,000. Noted Aug. 23.

Bulkhead — Jersey City, N. J. — City Comrs. let contract concrete, at foot of Howell St., to Stillman-Delehanty-Ferris Co., 26 Exch. Pl., $61,750. Noted Aug. 30.

★**Levee—Krotz Springs, La.**—State Bd. Engrs., Baton Rouge, let contract building 90,000 cu.yd. Krotz Springs south levee, St. Landry Co., to Dameron-White Co., Ltd., New Orleans, $26,000.

Levee Work—New Orleans, La.—(Official)—Bd. Levee Comrs., Orleans Levee Dist., let contract 165,000 cu.yd. earthwork, etc., Lower Beka New Levee, 5th Dist., to T. O. Hatard, 320 Opelousas Ave., $24,403. Noted Aug. 23.

Levee—Plaquemine, La.—Pontchartrain Levee Bd. received low bids building 19,000 cu.yd. new levee, Iberville Parish and 90,000 cu.yd., St. John's Parish from Dameron-White Co., Ltd., New Orleans, $225,000.

★**Breakwater—Kenosha, Wis.**—City let contract building 1400 lin.ft. breakwater to protect lake shore property, to Greiling Bros., Walker St., Milwaukee, $58,800. Noted Aug. 2.

★**Levee—Gregory Landing, Mo.**—J. P. Foley, secy. Gregory D. D., let contract 180,000 cu.yd. levee work to McWilliams Northern Dredge Co., 15c. per cu.yd.

Dam—San Diego, Cal.—(Official)—City received low bids building cyclopean rein.-con. dam, Lower Otay site, from Wurster Constr. Co., Spreckles Bldg., $420,135; H. G. Fenton, Owl Drug Bldg., $450,000; J. Kennedy, Washington Bldg., Los Angeles, $586,737. Noted Aug. 23.

BUILDING OPERATIONS FOR AUGUST

Following is a list of contracts awarded, published by the F. W. Dodge Co. for New England, New York, New Jersey, Pennsylvania, Maryland, Delaware, District of Columbia, Virginia, Ohio, West Virginia, Illinois, Indiana, Iowa, Wisconsin, Michigan, Minnesota, North and South Dakota, and portions of Missouri and eastern Kansas from Jan. 1 to Sept. 1:

Jan. 1 to Sept. 1, 1917	$1,156,176,155
Jan. 1 to Sept. 1, 1916	838,024,922
Jan. 1 to Sept. 1, 1915	598,619,600
Jan. 1 to Sept. 1, 1914	531,915,200
Jan. 1 to Sept. 1, 1913	616,067,000
Jan. 1 to Sept. 1, 1912	558,820,000
Jan. 1 to Sept. 1, 1911	539,256,313
Jan. 1 to Sept. 1, 1910	589,175,910

NEW YORK AND NORTHERN NEW JERSEY

Jan. 1 to Sept. 1, 1917	$212,328,000
Jan. 1 to Sept. 1, 1916	145,085,500
Jan. 1 to Sept. 1, 1915	101,629,000
Jan. 1 to Sept. 1, 1914	91,632,000
Jan. 1 to Sept. 1, 1913	196,256,000
Jan. 1 to Sept. 1, 1912	169,247,000
Jan. 1 to Sept. 1, 1911	165,930,000
Jan. 1 to Sept. 1, 1917	180,359,500

Contracts for the larger territory covered for August amount from $165,574,155 against $159,200,000 for July and $206,541,000 for June. For the smaller territory contracts for August amount to $25,498,000 against $31,549,000 for July and $27,387,000 for June. In both territories quoted the contracts awarded show a fair average against the two previous months, with no dropping off the work.

Could you handle another contract?

PERHAPS for a road? Or a bridge? Or a sewer? Or any one of the multitude of items listed in this week's *Contracting News Section*?

Then read that Section carefully.

It takes over one hundred men to provide those items—one hundred trained correspondents whose job is to call upon city officials, engineers, architects, etc., the country over, to learn of all proposed work.

Summed up, this means that there are one hundred men working for *your* benefit.

Are you actually benefitted?

There is just one way to do it, you know:

Read the Contracting News Section